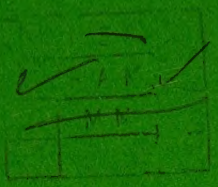
PROCEEDINGS OF THE INTERNATIONAL

SEED TESTING ASSOCIATION



GENERAL INDEX

Vol. 29 (1964) - vol. 37 (1972)

Ås - Norway 1975

Proceedings of the International Seed Testing Association

General index

Vol. 29(1964) - vol. 37(1972)

As - Norway 1975

Digitized by the Internet Archive
in 2025

https://archive.org/details/seed-science-and-technology_1972-1975_29-37_index

General Index to the Proceedings of the International Seed Testing Association. Vol. 29(1964) - Vol. 37(1972).

Contents

Author index 1

Subject index 29

1. General 29

2. Basic sciences 29

2.1. Morphology and anatomy 29
2.2. Physiology and biochemistry 29
2.3. Phytopathology 34

3. Culture of seeds 36

3.1. Seed improvement and seed production 36
3.2. Seed handling 37
3.3. Seed storage 38
3.4. Seed treatment 38

4. Seed testing 39

4.1. General 39
4.2. Sampling 40
4.3. Testing for purity, weight determination etc. 41
4.4. Testing for germination 43
4.4.1. Methods of testing 43
4.4.2. Description of apparatus and media 44
4.4.3. Seedling evaluation, seed vigour and seed weakness 45
4.5. Biochemical tests and X-ray tests 46
4.6. Testing for health condition 47
4.7. Identification of species, varieties and cultivars . . . 49
4.8. Determination of moisture content 51
4.9. Determination of provenance 51
4.10. Tolerances and statistical analysis 51
4.11. Seed certification and field plot examination 52

5. Seed testing organisations, international co-operation and seed trade 52

5.1. Organisation and activities of seed testing organisations and seed testing stations 52
5.1.1. General 52
5.1.2. ISTA congresses, general assemblies 54
5.1.3. Reports of technical committees 55
5.2. Rules for seed testing 58
5.3. International co-operation 59
5.4. Seed trade 59

6. Miscellaneous 60

6.1. Necrologies 60

AUTHOR INDEX

Abu-Shakra, S. and B.A. Aqil: Efforts to improve the germination of sugar beet seed. 35(1970)2: 631-636. Engl., Fr. and Germ. summ., bibl. 5

-----, A.A. Miah and A.R. Saghir: Morphology and anatomy of branched broomrape (Orobanche ramosa L.) seed. 36(1971)2: 251-253. Engl., Fr. and Germ. summ., ill., bibl. 6

----- and G. Mayeenudin: Yield, seed size and germination inhibitor studies in sugar beet seed production. 37(1972)3: 953-960. Engl., Fr. and Germ. summ., bibl. 6

Ader, F.: Zur Verringung des Anteils hartschaliger Samen bei Leguminosen. 30(1965)4: 911-921. Germ., Engl. and Fr. summ., bibl. 8

-----: Zur Definition eines einheitlich anwendbaren Begriffs der Triebkraft. 30(1965)4: 1005-1012. Germ., Engl. and Fr. summ., bibl. 9

-----: Zur Routineuntersuchung von pilliertem Gemüsesaatgut. 35(1970)2: 369-381. Germ., Engl. and Fr. summ., bibl. 2

-----: Report of the Pelleted Seeds Committee 1966-1971. 37(1972)2: 397-419. Engl., Fr. and Germ. summ.

-----: Keimfähigkeit - Einführung. 37(1972)3: 841-844

-----: Verschiedene Arbeiten - Einführung. 37(1972)3: 845-851

Al-Jibouri, H.A.: A survey of seed qualities of wheat used for sowing in Libya. 31(1966)5: 767-770. Engl., Fr. and Germ. summ., ill., bibl. 2

-----: Address on behalf of the FAO of the United Nations. 34(1969)4: 492

Amaducci, M.T.: A modification to the Ottawa seed blower for beet seed purity testing. 30(1965)3: 513-517. Engl., Fr. and Germ. summ., ill.

Andersen, A.M., J.R. Hart and R.C. French: Comparison of germination techniques and conductivity tests of cotton seeds. 29(1964)1: 81-96. Engl., Fr. and Germ. summ., ill., bibl. 11

Anghel, G. and A. Dan: La législation des semences en Roumanie. 32(1967)2: 413-422

Anselme, C., F. Jailloux and R. Champion: Méthodes d'analyse sanitaire des semences de lin. 31(1966)2: 157-167. Engl., Fr. and Germ. summ., ill.

----- and R. Champion: Importance en France de la transmission par les semences de deux champignons phytopathogenes. 35(1970)1: 77-87. Fr., Engl. and Germ. summ., bibl. 2

Asakawa, S.: Some proposals to amend the international rules for seed testing - with special reference to forest tree seeds. 35(1970)2: 641-647, bibl. 19

Atwater, B.A.: Purity evaluation in flower seed testing. 37(1972)3: 829-839. Engl., Fr. and Germ. summ., ill., bibl. 9

Baciu-Miclaus, D.: Contribution to the study of hard seed and coat structure properties of soybean. 35(1970)2: 599-617. Engl., Fr. and Germ. summ., ill., bibl. 65.

Baekgaard, H.C.: Introduction. 29(1964)4: 759-762.

-----: Varietal purity examinations in ISTA member countries. 29(1964)4: 777-784. Engl., Germ. and Fr. summ.

-----: Report of the Variety Committee 1962-1965. 30(1965)2: 327-333. Engl., Fr. and Germ. summ.

----- and S.B. Madsen: Breeding and recognition of cultivars, seed trade and seed control in Denmark. 32(1967)2: 305-316.

Ballard, L.A.T.: Introduction to physiological aspects. II. Vigour, ageing and tetrazolium test. 34(1969)2: 180-199. W. disc.

-----: High sensitivity to temperature of the germination responses of seeds of Townsville stylo (Stylosanthes humilis H.B.K.). 37(1972)3: 779-791. Engl., Fr. and Germ. summ., bibl. 12

----- and A.E. Grant Lipp: Germination of subterranean clover seed in relation to some softening procedures. 30(1965)4: 893-904. Engl., Fr. and Germ. summ., ill., bibl. 9

Banga, O.: Assessing the cultural value of varieties of vegetables and other horticultural crops. 29(1964)4: 933-936. Engl., Germ. and Fr. summ.

-----: Identification of Western Orange carrot varieties (Daucus carota L.). 29(1964)4: 957-961. Engl., Fr. and Germ. summ., ill., bibl. 4

Barde, H.: Changes in sections 3 and 4 of the International rules for seed testing. 33(1968)2: 285-288.

Barre, H.J.: Equipment for processing seeds in North America. 29(1964)1: 159-170, ill., bibl. 12

Bartnodeiszky, A.: Mitteilungen über das Vorkommen und die Akklimatisation von Helminthia echioides Gärtn. (Picris echioides L.) in Ungarn. 29(1964)1: 27-31. Engl., Fr. and Germ. summ., ill., bibl. 7.

-----, S. Gáspár and E. Kiss: Studies on the possibility to terminate the lability of germination in the seeds of beet (Beta vulgaris L.). 30(1965)3: 677-688. Engl., Fr. and Germ. summ., ill., bibl. 16

Bartz, J. and H. Tucholska: Beurteilung des Wertes der Methoden zur Bestimmung der Lebensfähigkeit von Erbsensamen. 30(1965)4: 937-943. Germ., Engl. and Fr. summ., bibl. 5

Bean, J.E.: Seed trier efficiency trial. 35(1970)3: 673-681. Engl., Fr. and Germ. summ., ill., appendix.

Bekendam, J.: The chemical breaking of dormancy of barley seeds. 31(1966)5: 779-787. Engl., Fr. and Germ. summ., bibl. 5

-----: Germination of beet seed. 33(1968)2: 308-313, bibl. 3

----- and J. Bruinsma: The chemical breaking od dormancy of wheat seeds. 30(1965)4: 869-886. Engl., Fr. and Germ. summ., ill., bibl. 26

Benoit, M.A. and S.B. Mathur: Identification of species of Curvularia on rice seed. 35(1970)1: 99-119. Engl., Fr. and Germ. summ., ill., bibl. 40

Blanchard, M.: Production et commerce des semences en Algérie. 32(1967)2: 481-489, bibl. 4

Bonner, F.T.: Measurement of moisture content in seeds of some North American hardwoods. 37(1972)3: 975-983. Engl., Fr. and Germ. summ., bibl. 10

Boeke, J.E.: A few notes on equipment for purity analysis. 33(1968)2: 279-282, ill.

-----: Precision seed of beet. 33(1968)2: 289-295

-----: Use and misuse of figures in seed testing. 35(1970)3: 735-749. Engl., Fr. and Germ. summ., bibl. 3

-----, W.W.A. Oomen, A.F. Schoorel, J. Bekendam and M.J.F. Koopman: Project Seed Laboratory 5000. 34(1969)1: 115-168. Engl., Fr., Germ. and Neth. summ., ill.

Bogdan, A.V.: Seed morphology of some cultivated African grasses. 31(1966)5: 789-799. Fr. and Germ. summ., ill.

Borthwick, H.A.: Light effects with particular reference to seed germination. 30(1965)1: 15-27. Engl., Fr. and Germ. summ., ill., bibl. 17

Brandt, F.O.: Germat - Germination Testing Equipment, a great help in germination. 29(1964)3: 487-497. Engl., Fr. and Germ. summ., bibl. 2

-----: Weiterentwicklung der Germat - Keimprüfmethode. 30(1965)3: 467-475. Engl., Germ. and Fr. summ., bibl. 2

Broniewski, S.: Der Verlauf der Zellteilung in keimenden Samen. 31(1966)5: 693-710. Germ., Engl. and Fr. summ., ill., bibl. 5

Bulat, H.: Die Anwendung der Tetrazoliummethode bei Samen von Zierplanzen. 30(1965)4: 969-982. Germ., Engl. and Fr. summ., ill., bibl. 9

-----: Ergebnisse vergleichender Versuche mit Blumensamen. 30(1965)4: 983-994. Germ., Engl. and Fr. summ.

-----: Report of the Tetrazolium Test Committee for the period 1965-1968. 34(1969)4: 713-743. Engl., Germ. and Fr. summ.

-----: Report of the activity of the Tetrazolium Test Committee for the period 1966-1971. 37(1972)2: 423-427, bibl. 9

-----: Comparative test with damaged cereals and other seeds in the stage of decline. 37(1972)2: 429-438. Engl., Fr. and Germ. summ., bibl. 10

Buys, A.C. and G.T. Grooters: The certification of propagating material of crops in the Netherlands. A. Agricultural crops and B. Horticultural crops: 32(1967)2: 341-355, bibl. 6

Cabral, J.F.: The "Maral" cultivar of Persian clover (Trifolium resupinatum L.) obtained in Portugal. 31(1966)2: 261-267. Fr., Germ. and Port. summ.

-----: Seed legislation in Portugal. 32(1967)2: 423-427

-----: Heterogeneity in some lots of forage seeds for certification purposes. 37(1972)3: 705-711. Engl., Fr. and Germ. summ., bibl. 3

Castan, M.G.: La coopération entre l'Organisation Internationale de Normalisation (ISO) et l'ISTA. 37(1972)1: 139-143. Engl., Fr. and Germ. summ.

Chacko, E.K. and R.N. Singh: Studies on the longevity of papaya, phalsa, guava and mango seeds. 36(1971)1: 147-158. Engl., Fr. and Germ. summ., bibl. 7

Chang, H.S.: Variety testing of rice. 29(1964)4: 827-835. Engl. summ.

----- and C.I. Lin: Problems and development in seed testing in the Republic of China. 36(1971)1: 55-64

Chang, S.K., P. Neergaard and S.B. Mathur: Seed health testing of rice. VI. Detection of seed-borne fungi on blotters under different incubation conditions of light and temperature. 37(1972)3: 731-740. Engl., Fr. and Germ. summ., ill., bibl. 14

Charmella, J.T.: Address on behalf of the Society of Commercial Seed Technologists of the U.S.A. and Canada. 34(1969)4: 498

Chen, C.C., C.H. Andrews, C.C. Baskin and J.C. Delouche: Influence of quality of seed on growth, development and productivity of some horticultural crops. 37(1972)3: 923-939. Engl., Fr. and Germ. summ., bibl. 23

Chino, T.: Problems and development in sub-tropical regions in Japan. 36(1971)1: 33-36. Engl., Fr. and Germ. summ.

Chinoy, J.J. and O.P. Saxena: Inductive effect of ascorbic acid on ribonucleic acid, amylase, protease and ribonuclease. 37(1972)3: 903-910. Engl., Fr. and Germ. summ., bibl. 38

Chowings, J.W.: Interaction of seed and substrate conditions in the laboratory germination of broad beans (Vicia faba L. var. faba). 35(1970)2: 619-629. Engl., Fr. and Germ. summ., ill., bibl. 13

Christiansen, H.: Laboratory method for determination of ploidy degree of beet seeds. 31(1965)5: 801-916. Engl., Fr. and Germ. summ., ill., bibl. 6

Cillis, U. de: A report on the standardization of work methods and equipment of the Italian seed testing laboratories affiliated with ISTA. 31(1966)2: 269-285. Engl., Fr., Germ. and Italian summ., ill.

Clark, I.H.: Address on behalf of the Society of Commercial Seed Technoligists of the U.S.A. and Canada. 37(1972)1:74-75

Cobb, R.D. and H.M. Laude: The development of equipment and time-saving processes in seed testing. 34(1969)1: 169-177. Engl., Fr. and Germ. summ., bibl. 42

Colbry, V.L.: Specifications for paper substrata. 30(1965)2: 236-244. Engl., Fr. and Germ. summ.

-----: The use of invisible fluorescent paints as markers on seeds. 33(1968)2: 283-284, ill.

-----: Literature review and suggestions for rule changes pertaining to evaluation of bean seedlings. 35(1970)2: 403-416. Engl., Fr. and Germ. summ., bibl. 57

-----: Laboratory germination of Zoysa japonica seed. 35(1970)2: 417-425. Engl., Fr. and Germ. summ., bibl. 5

Csala, M.V.: The methodology and mechanism of the phenol reaction in cereals. 37(1972)3: 915-921. Engl., Fr. and Germ. summ., bibl.11

Cuddy, T.F.: Report of the ISTA Germination Committee Working Group on crop grass species. 34(1969)4: 607-608.

Darke, W.F.: The International Plant Health Certificate. 32(1967)2: 275-280. Engl., Fr. and Germ. summ.

Dijck, J. van: La législation belge dans le secteur des plants et semences. 32(1967)2: 357-367. Fr., Engl. and Germ. summ.

Dorywalski, J. and H. Tucholska: Über den praktischen Wert einiger Verfahren zur Bestimmung der Lebensfähigkeit von Mais-Saatkörnern. 30(1965)4: 929-935. Engl., Fr. and Germ. summ., bibl. 4

Douglas, J.E.: Seed improvement in developing countries - building a comprehensive programme. 34(1969)3: 427-445. Engl. summ. and concl., ill.

Doyle, E.J.: Report of the Rules Committee, revision of the International Rules for Seed Testing. 30(1965)2: 413-414

-----: Report of referee testing on a regional basis, 1962-1965. 30(1965)2: 427-435

-----: Report of the Rules Committee 1965-1968. 34(1969)4: 501-517. W. interpr. and summ. in Engl., Fr. and Germ.

Duval, J.: Etat des travaux du Sous-Comité ISO/TC 34/SC 1 "Moyens de Reproduction" depuis le dernier Congrès de Lisbonne. 30(1965)2: 153-154.

Easton, G.R.: Introduction of other papers on germination. 35(1970)2: 315-324. W. disc.

-----: Report of the working group in Purity Analysis of Tropical Seeds. 37(1972)2: 331-337. Engl. summ., bibl. 1

----- and J.H. Mullett: The duration of germination tests on Phalaris tuberosa. 36(1971)1: 75-80. Engl., Fr. and Germ. summ., bibl. 2

Effmann, H. and G. Specht: Bestimmung der Lebensfähigkeit der Samen von Gramineen mit der Säurefuchsinmethode unter Anwendung der Sequenzanalyse. 32(1967)1: 27-47. Germ., Engl. and Fr. summ., ill. bibl. 21.

Eifrig, H.: Beitrag zur Identifikation von Varietäten und Typen bei Trifolium alexandrinum L. und Trifolium resupinatum L. 30(1965)3: 573-585. Germ., Engl. and Fr. summ., ill. bibl. 15

-----: Grussadresse LUFA an ISTA Kongress. 30(1965)2: 177-178.

-----: Möglichkeiten der Sortenidentifikation bei Lolium spp. durch Laborversuche. 35(1970)3: 759-771. Germ., Engl. and Fr. summ., bibl. 17

-----: Die Anwendung keimungsphysiologisch wirksamer Substanzen bei der Prüfung von Poa pratensis und Phleum pratense Spelzfrüchten unterschiedlicher Reifegrade. 37(1972)3: 881-902. Engl., Fr. and Germ. summ., ill., bibl. 15

Elekes, G. and P. Elekes: Differentiation of white sweet-clover (Melilotus albus Med.) and yellow sweet-clover (Melilotus officinalis (L.) Pall.) seeds by chemical means. 37(1972)3: 911-914. Engl., Fr. and Germ. summ., bibl. 1

Ensor, H.L.: The influence of the water content of sand on the germination of dwarf beans (Phaseolus vulgaris L.). 32(1967)1: 13-20. Engl., Fr. and Germ. summ., bibl. 2

Esbo, H.: Testing for Purity. 30(1965)1: 29-37

-----: Struggle against pests. Advantages and dangers. 34(1969)3: 407-418. Engl., Fr. and Germ. summ., bibl. 10

-----: The President's speech at the opening ceremony of the 15th Congress of the International Seed Testing Association in Palmerston North, New Zealand, 1968. 34(1969)4: 480-489.

-----: Cooperation between seed testing and seed certification authorities. 37(1972)1: 103-107. Engl., Fr. and Germ. summ.

-----: Report of the ISTA Seed Legislation Committee. 37(1972)2: 593-594.

Esser, J.: Echtheitsbestimmung von Klee im Feldversuch. 29(1964)4: 861-868. Germ., Engl. and Fr. summ.

Evenari, M.: Physiology of seed dormancy, after-ripening and germination. 30(1965)1: 49-71.

Everson, L.E.: Report of the Purity Committee, 1964-1965. 30(1965)2: 223-227.

-----: Developments and problems in purity analysis. 33(1968)2: 240-245. bibl. 12

-----: The classification of Agropyron repens florets and caryopses. 33(1968)2: 246-247, bibl. 1

-----: The uniform blowing procedure for Poa pratensis. 33(1968)2: 260-264. App., bibl. 1

-----: Mechanization of purity analysis in North America. 33(1968)2: 268-278, ill.

-----: Report of the Purity Committee. 34(1969)4: 533-536. Engl., Fr. and Germ. summ.

-----: Report of the Purity Committee. 37(1972)2: 327-330. Engl., Fr. and Germ. summ.

-----, C.S. Shih and F.B. Cady: A comparison of the uniform blowing and hand method for the purity analysis of Poa pratensis seed. 30(1965)3: 493-511. Engl., Fr. and Germ. summ., bibl. 11

Feistritzer, W.P.: Better seed - a prerequisite for more and better food. 34(1969)3: 395-406.

-----: National and international cooperation to promote the use of better seed. 37(1973)1: 83-92. Engl., Fr. and Germ. summ.

Felfoldi, E.M.: Blowing procedure for Paspalum dilatatum Poir. 37(1972)3: 741-749. Engl., Fr. and Germ. summ., bibl. 1

Filimonov, M.A. and G.S. Gorshkov: Improvement of methods applied for purity analysis of clover and perennial grass seed in the USSR. 35(1970)3: 751-758. Engl., Fr. and Germ. summ., ill. bibl. 12

Formanowiczowa, H. and J. Kozlowski: Betrachtung über die Samenprüfung einiger Heilpflanzen. 30(1965)3: 743-748. Germ., Engl. and Fr. summ., bibl. 10

Fredriksson, P.: Identification of seeds by means of thin-layer chromatography. 32(1967)3: 541-551. Engl., Fr. and Germ. summ., ill. bibl. 16

Fritz, T.: Germination and vigour tests of cereal seed. 30(1965)4: 923-927. Engl., Fr. and Germ. summ., ill.

-----: Influence of temperature and parasitic fungi on germination capacity of cereal seed. 31(1966)5: 711-717. Engl. summ., bibl. 2

-----: Laboratory and field tests of frost damaged oat seed. 37(1972)3: 969-973. Engl., Fr. and Germ. summ., bibl. 3

Fuchs, H.: Information on seals. 37(1972)2: 319-323. Engl., Fr. and Germ. summ., ill.

Fuentes, P.E.J.: The seed law in Chile and basic principles for seed laws in developing countries. 32(1967)2: 445-451. Engl., Fr. and Germ. summ.

Gáspár, S.: Problems in testing pelleted beet seeds. 37(1972)3: 857-864. Engl., Fr. and Germ. summ., ill., bibl. 10

Gelmond, H.: Pretreatment of leek seed as means of overcoming superoptimal temperatures of germination. 30(1965)3: 737-742. Engl., Fr. summ., bibl. 5

-----: Seed legislation in Israel. 32(1967)2: 469-479. Engl., Fr. and Germ. summ., bibl. 8

-----: Growth and development of the peanut plant (Arachis hypogaea) in relation to seedling evaluation in the germination test. 36(1971)1: 121-130. Engl., Fr. and Germ. summ., ill., bibl. 11

-----: Moisture content and storage of peanut seed (Arachis hypogaea L.). 36(1971)1: 159-171. Engl., Fr. and Germ. summ. and concl., bibl. 13

-----: Relationship between seed size and seedling vigour in cotton (Gossypium hirstutum). 37(1972)3: 797-802. Engl., Fr. and Germ. summ., bibl. 13

----- and S. Nakamura: Effect of environmental conditions during growth on seed dormancy in peanuts. 30(1965)4: 775-780. Engl., Fr. and Germ. summ., bibl. 9

Germ, H.: Tätigkeitsbericht des Ausschusses für Provinienz, 1962-1965. 30(1965)2: 319-325. Engl. and Fr. summ., bibl. 5

-----: Die Vorschriften über das landwirtschaftliche und gärtnerische Saatgut in Österreich. 32(1967)2: 393-399.

Gopal, M. and R.C. Thapliyal: Seed identification of 35 forestry species of familiy Mimosaceae. 36(1971)2, 203-231. ill., bibl. 3

Graeber, R.E.: Die Harmonisierung der Saat- und Pflanzgutgesetsgeoung in der europäischen Wirtschaftsgemeinschaft. 30(1965)2: 167-169. W. disc.

-----: Die EWG, Richtlinien über den Verkehr mit landschaftlichem und forstlichem Saat- und Pflanzgut. 32(1967)2: 323-333. Engl. and Fr. summ.

Granl, A.: Induktion sekundärer Keimruhe bei Getreide durch hohe Temperatur und der Einfluss der Keimbettfeuchtigkeit. 30(1965)4: 787-801. Engl., Germ. and Fr. summ., ill., bibl. 7

-----: Einfluss der Keimungstemperatur und Stratifikation auf die Keimruhe von Getreide. 35(1970)2: 427-430. Germ., Fr. and Engl. summ., bibl. 10

Gray, D.H.: Seed legislation and improvement in Zambia. 36(1971)1: 37-43. Engl., Fr. and Germ. summ., bibl. 1

----- and M.G. Huisman: Some problems and developments in seed testing in Zambia. 36(1971)1: 47-54. Engl., Fr. and Germ. summ.

Gregg, B.R. and A.W. Hushing: Blending free-flowing seeds with air flow control devices. 34(1969)1: 73-95. Engl., Fr. and Germ. summ., ill., bibl. 13

Grisez, J.P. and E.E. Hardin: A comparison of four methods of sampling small seeds. 37(1972)3: 661-666. Engl., Fr. and Germ. summ., bibl. 6

Guerrero, R.C., S.B. Mathur and P. Noergaard: Seed health testing of rice. V. Seed-borne fungi associated with abnormal seedlings of rice. 37(1972)3: 985-997. Engl. summ., ill., bibl. 10

Gunn, C.R:A key and diagrams for the seeds of one hundred species of Vicia (Leguminosae). 35(1970)3: 773-790. Engl., Fr. and Germ. summ., ill., bibl. 14

Gupta, J.S. and P. Neergaard: Detection of chlamydospores of Protomyces macrosporus ung. in Indian seed lots of coriander. 35(1970)1: 151-154. Engl., Fr.. and Germ. summ., ill., bibl. 3

Guthrie, J.W.: The detection and eradication of Pseudomonas phaseolicola in Phaseolus vulgaris. 35(1970)1: 89-93. Engl., Fr. and Germ. summ., bibl. 10

Hadnagy, A.: Lettuce seed dormancy. 37(1972)3: 865-880. Engl., Fr. and Germ. summ., ill., bibl. 38

----- and I. Tálos: Auswertung sekundärer Erbsensprosse. 32(1967)1: 21-26. Germ., Engl. and Fr. summ., ill., bibl. 10

Haggar, R.J.: The production of seed from Andropogon gayanus. 31(1966)2: 251-259. Engl., Fr. and Germ. summ., bibl. 6

Handbook on Seed Health Testing, series 2(1-33). 30(1965)4: 1049-1115, ill.

Hansing, E.D.: Control of seed-borne fungi with systemic fungicides. 35(1970)3: 815-820. Engl., Fr. and Germ. summ.

Hanson, A.A.: Modern consepts in plant breeding. 34(1969)3: 369-384. Engl., Fr. and Germ. summ., ill., bibl. 22

Hanssen, K.B.: Seed control in Rhodesia. 31(1966)2: 243-249. Engl., Fr. and Germ. summ.

-----: New seed legislation for Rhodesia. 32(1967)2: 507-515. Engl., Fr. and Germ. summ.

-----: Seed certification in Rhodesia. 36(1971)1: 17-21. Engl., Fr. and Germ. summ., bibl. 2

----- and E.B. Nicholls: Investigations into techniques for the germination of Panicum maximum Jacq. 30(1965)3: 715-722. Engl., Fr. and Germ. summ.

Hardin, C.L.: Welvome address on behalf of the U.S. Department of Agriculture. 37(1972)1: 62-64

Hardin, E.: Report of the ISTA Equipment Committee, 1965-1968. 34(1969)4: 775

-----: Address on behalf of the Association of Official Seed Analysts. 37(1972)1: 73.

Harrison, P.G.: Storage of Stylosanthes humilis (H.B.K.) with phosphatic fertiliser. 35(1970)3: 713-718, bibl. 6

Hart, J.R. and C. Golumbic: The use of electronic moisture meters for determining the moisture content of seeds. 31(1966)2: 201-212. Engl., Fr. and Germ. summ., ill., bibl. 3

Hawkins, R.P., F.R. Horne and A.F. Kelly: Identifying cultivars of grass and clover. 29(1964)4: 837-850. Engl., Fr. and Germ. summ., bibl. 26

Hayes, P.: Accuracy of the Gentner fluorescence test as carried out by ISTA procedure. 30(1965)3: 617-624. Engl., Fr. and Germ. summ., bibl. 14

Heit, C.E.: Testing flower seeds - Introduction. 37(1972)3: 811-813

-----: Thirty years' testing of flower seeds for germination. 37(1972)3: 817-828. Engl., Fr. and Germ. summ., bibl. 47

Hewett, P.D.: Testing carrot seed infected with Alternaria porri f.sp. dauci. 29(1964)3: 463-471. Engl., Fr. and Germ. summ., bibl. 7

-----: A note on extraction rate in the embryo method for loose smut of barley, Ustilago nudo (Jens.) Rostr. 35(1970)1: 181-183. Engl., Fr. and Germ. summ., bibl. 5

Heydecker, W.: Report of the Vigour Test Committee, 1962-1965. 30(1965)3: 369-380. Engl., Fr. and Germ. summ., bibl. 20

-----: Introduction to subject F on biochemical and vigour tests. 30(1965)4: 947-960. W. discussion.

-----: Vigour tests on trial. 30(1965)4: 1013-1027. Engl., Fr. and Germ. summ., ill., bibl. 3

-----: The "Vigour" of seeds - a review. 34(1969)2: 201-219. Engl., Fr. and Germ. summ., bibl. 56

-----: A note on vigour tests by seedling evaluation. 34(1969)2: 271-272. Bibl. 3

-----: Report of the Vigour Test Committee, 1965-1968. 34(1969)4: 751-774.

-----: Report of the Vigour Test Committee, 1968-1971. 37(1972)2: 379-394. Bibl. 2

-----, P.I. Orphanos and R.S. Chetram: The importance of air supply during seed germination. 34(1969)2: 297-304. Engl., Fr. and Germ. summ., bibl. 7

----- and P.M. Feast: Studies of the hollow heart condition of pea (Pisum sativum) seeds. 34(1969)2: 319-328. Engl., Fr. and Germ. summ., ill., bibl. 4

Heydel, H.R. und A. Prüter: Eine neue Methode zur Unterscheidung landwirtschaftlich wichtiger Brassica-Arten bei der Saatgutuntersuchung. 31(1966)5: 741-749. Engl., Fr. and Germ. summ., ill., bibl. 12

----- und -----: Beurteilung und Samendiagnose einiger Silene- und Melandrium-arten. 31(1966)5: 751-765. Germ., Engl. and Fr. summ., ill., bibl. 8

Hibbert, D. and W. Woodwark: The effect of various analytical factors on the germination test results obtained on some British sugar beet seeds. 30(1965)3: 689-704.

Hilli, A., A. Wold, T. Fritz and L. Kåhre: Seed legislation in Finland, Norway and Sweden. 32(1967)2: 291-304. Engl., Fr. and Germ. summ., bibl. 8 Finl., 8 Norw., 8 Swed.

Holliwell, W.S.: Contact between the Fédération Internationale du Commerce des Semences and the International Seed Testing Association. 30(1965)2: 155-157, w. disc.

-----: Message of the President of the F.I.S. 34(1969)4: 497

Holmes, G.D.: Report of the Forest Seeds Committee, 1962-1965. 30(1965)2: 349-368. Engl., Fr. and Germ. summ.

Hopfner, L.: Grussadresse an ISTA Kongress. 30(1965)2: 136

Horne, F.R.: OECD and ISTA cooperation in crop improvement. 30(1965)2: 158-166, w. dics.

-----: Welcome to the participants on behalf of the National Institute of Agriculture Botany. 33(1968)2: 214-217.

----- and A.F. Kelly: The OECD certification schemes and international trade in seeds. 32(1967)2: 259-273. Engl., Fr. and Germ. summ., bibl. 9

Howell, P.J.: A note on the sporulation of some seed-borne fungi under near ultra-violet light. 29(1964)1: 155-158. Engl. summ., bibl. 7

Hoyle, J.C.: Seed legislation in Zambia. 32(1967)2: 517-522. Engl., Fr. and Germ. summ.

Hude, R. von der: The Danish system of sampling and sealing seed lots. 33(1968)2: 228-234

Hutin, C.: Controle variétal de la luzerne. 29(1964)4: 869-886. Fr., Engl. and Germ. summ., bibl. 7

-----: Détermination de la polyploïdie des betteraves. 29(1964)4: 919-931. Fr., Engl. and Germ. summ., bibl. 1

-----: Testing beet seed for polyploidy. 30(1965)1: 39-47. Engl., Fr. and Germ. summ., bibl. 9

-----: Identification des espèces en laboratoire et en champ, variétés et cultivars. 30(1965)3: 549-564. W. disc.

Huxley, P.A.: Some factors which can regulate germination and influence viability of coffee seeds. 29(1964)1: 33-60. Engl., Fr. and Germ. summ., ill., bibl. 32

-----: The effects of hydrogen-ion concentration, temperature and seed drying method on the germination of coffee seeds. 29(1964)1: 61-70. Engl., Fr. and Germ. summ., bibl. 17

-----: Investigations on the maintenance of viability of Robusta coffee seed in storage. 29(1964)3: 423-444. Engl., Fr. and Germ. summ., bibl. 28

-----: Coffee germination test recommendations and defective seed types. 30(1965)3: 705-714. Engl., Fr. and Germ. summ., ill. bibl. 13

Iannelli, P.: Variety testing of vetches. 29(1964)4: 887-907. Engl., Fr. and Germ. summ., ill., bibl. 9

Jacobsen, R. and H.H. Leenders: International trading, a prerequisite for the promotion of the use of better seed. 37(1972)1: 79-82. Engl., Fr. and Germ. summ.

Jensen, L.A.: Report of the Forest Seeds Committee for the period 1965-1968. 34(1969)4: 649-658. Engl., Fr. and Germ. summ. and recomm.

-----: Observations on the viability of Borneo camphor (Dryobalanops aromatica Gaertn.). 36(1971)1: 141-146. Engl., Fr. and Germ. summ., bibl. 4

Johnston, M.E.H.: Report of the working group for the germination of tropical and sub-tropical seeds. 37(1972)2: 355-359. Bibl. 1

----- and J.G. Miller: Investigations into techniques for the germination of Paspalum dilatatum. 29(1964)1: 145-148. Engl. summ., bibl. 3

----- and -----: Optimum germination conditions for Trifolium pratense L. red clover. 29(1964)1: 149-153. Engl. summ., bibl. 3

----- and -----: Fumigation of seed with methyl bromide. 29(1964)3: 451-462. Engl., Fr. and Germ. summ., bibl

-----, J.G. Miller and S.C. Harrison: Sampling efficiency of the Jamet divider with and without exact weighings of samples. 30(1965)3: 453-462. Engl., Fr. and Germ. summ., bibl. 5

----- and J.G. Tattersfield: Comparison of germination temperature treatments for ryegrass, Lolium spp. 35(1970)2: 325-342. Engl., Fr. and Germ. summ., bibl. 6

----- and -----: Germination conditions for Trifolium subterraneum L. 35(1970)2: 343-347. Engl., Fr. and Germ. summ., bibl. 10

----- and -----: Efficiency of various sampling methods. 35(1970)3: 663-671. Engl., Fr. and Germ. summ., bibl. 3

----- and -----: A preliminary report on germination techniques for Panicum maximum Jacq. 36(1971)1: 115-120. Engl., Fr. and Germ. summ., bibl. 1

----- and -----: Investigations into methods for obtaining working samples for purity analyses. 37(1972)2: 299-305. Engl., Fr. and Germ. summ., bibl. 3

Jones, LeRoy: Report of the Forest Tree Seed Committee for the period 1968-1971. 37(1972)2: 527-531

Joshi, M.G. and S.K. Banerjee: Genetics of phenol colour reaction in emmer wheats. 35(1970)3: 807-811. Engl., Fr. and Germ. summ., ill., bibl. 7

Joubert, P.C. and P.R. de Beer: The toxicity of contact insecticides to seed-infesting insects. Tests with pyrthrum and malathion on infested maize (Zea mays). 35(1970)3: 821-828. Engl., Fr. and Germ. summ., bibl. 6

Juckes, D.: International cooperation in seed certification. 37(1972)1: 109-111

Junges, W. and H. Ludwig: Zur Methodik der Aufstellung von Keimprüfungs-Standards (Untersuchungen an Zierpflanzen). 29(1964)3: 399-421. Engl., Fr. and Germ. summ., bibl. 6

-----, D. Rothacker and K.-H. Engel: Keimfähigkeit und Keimruhe der Samen von knollentragenden Solanum-Species und S. tuberosum-Sorten. 32(1967)1: 71-99. Germ., Engl. and Fr. summ., ill., bibl. 29

Justice, O.L.: Aims, functions and achievements of the International Seed Testing Association. 30(1965)1: 3-13. Engl. summ., bibl. 22

-----: Activities of the ISTA during the period 1962-1965. 30(1965)2: 179-186

-----: Report of the Seed Moisture and Storage Committee, ISTA. 34(1969)4: 689-702

-----: Report of the Seed Moisture and Storage Committee. 37(1972)2: 535-549, bibl. 26

-----: Report of the ISTA Constitution Committee. 37(1972)2: 597

----- and M.M. Kulik: Some effects of gamma radiation on germination and storage life of seeds of eight crop species. 35(1970)3: 697-712. Engl., Fr. and Germ. summ., bibl. 29

Jørgensen, J.: The Doyer filter paper method in health testing of barley seed. 36(1971)2: 325-333. Engl., Fr. and Germ. summ., bibl. 8

Kain, R.M.: Sampling of cocksfoot (Dactylis glomerata). 37(1972)2: 307-313. Engl., Fr. and Germ. summ.

-----: Reduction of the composite sample to the submitted sample. 37(1972)2: 315-318. Engl., Fr. and Germ. summ., ill., bibl. 2

Kamra, S.K.: The use of X-rays in seed testing. 29(1964)1: 71-79. Engl., Germ. and Fr. summ., ill., bibl. 26

-----: Determination of germinability of cucumber seed with X-ray contrast method. 29(1964)3: 519-534. Engl, Fr. and Germ. summ., ill., bibl. 9

-----: Use of X-ray radiography for studying seed quality in grasses. 30(1965)3: 519-524. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: Determination of germinability of melon seed with X-ray contrast method. 31(1966)5: 719-729. Engl. and Germ. summ., ill., bibl. 7

Kantor, J. and F. Simančík: Beitrag zur Frage der Keimruhe bei den Samen der Holzarten. 30(1965)4: 781-786. Germ. and Engl. summ., ill., bibl. 6

Keding, F.W.: Landwirtschaft und Saatgut in der Bundesrepublik Deutschland. 30(1965)2: 139-146

-----: Grussadresse an ISTA Kongress. 30(1965)2: 138

-----: Die Saatgutgesetzgebung in der Bundesrepublik Deutschland. 32(1967)2: 335-340.

Kelly, A.F.: Report of the ISTA Variety Committee. 37(1972)2: 441-495. Engl. and Fr. summ., ill., bibl. 28

-----: ISTA Variety Committee. Report of the working group for Fluorescence Tests. 37(1972)2: 497-506

Kietreiber, M.: Atypische Septoria-nodorum-Symptome an Weizenkeimlingen. (Das Verhalten der Sorte Probus). 31(1966)2: 179-186. Engl., Germ. and Fr. summ., ill., bibl. 6

Kim, M.C.: Effect of methyl bromide fumigation on Oil Palm (Elaeis guineensis Jacq.) seed. 35(1970)1: 243-255. Engl., Fr. and Germ. summ., bibl. 6

Klitgård, K.: Report of the Working Group on the germination of Beta, Brassica and Allium. 34(1969)4: 609-612

-----: Report of the Working Group on the germination of Beta, Brassica and Allium. 37(1972)2: 365-375. Engl. Summ.

Kolk, H.: Seedling diseases of cereals in Sweden. 35(1970)1: 51-67. Engl., Fr. and Germ. summ., ill., bibl. 8

Kooistra, E.: Identification research on pulses. 29(1964)4: 937-948. Engl., Fr. and Germ. summ., ill., bibl. 23

Koopman, M.J.F.: Report of the Storage and Moisture Committee, 1962-1965. 30(1965)2: 391-394

-----: Report of the Referee Testing on Association-Wide Basis, 1962-1965. 30(1965)2: 415-426. Engl., Fr. and Germ. summ.

-----: Referee Testing 1965-1968. 34(1969)4: 777-790. Engl. concl.

Koostra, P.T. and J.F. Harrington: Biochemical effects of age on membranal lipids of Cucumis sativus L. seed. 34(1969)2: 329-340. Engl., Fr. and Germ. summ. and concl., ill., bibl. 9

Kopooshian, H.: A simple mechanical divider for seed mixing and dividing. 30(1965)3: 463-466, ill., bibl. 4

-----: How to store stained tetrazolium seed samples. 33(1968)3: 554

Korpinen, E.: Variety testing of winter and spring wheat. 29(1964)4: 795-802. Engl., Germ. and Fr. summ., ill.

Kulik, M.M. and M.F. Combs: Carbon and nitrogen nutrition of some seed-borne fungi in vitro. 32(1967)3: 591-602. Engl., Fr. and Germ. summ., bibl. 15

Kåhre, L.: A survey of papers on dormancy. 30(1965)4: 753-763.

-----: Comparisons of methods for germination. Report from the Working Group in Cereal Seed. 34(1969)4: 585-598. Engl. and Fr. summ.

-----: Introduction on seedling evaluation. 35(1970)2: 299-304. Engl. summ., bibl. 8

-----: Report of the Germination Committee 1968-1971. 37(1972)2: 341-345

-----: Alternative methods for germination. Report from the Working Group on cereal seed. 37(1972)2: 347-354. Engl., Fr. and Germ. summ., bibl. 1

----- and P. Wiklert: Sand as a substrata for germination. 30(1965)2: 245-250. Engl., Fr. and Germ. summ.

-----, H. Kolk and T. Fritz: Gibberellic acid for breaking of dormancy in cereal seed. 30(1965)4: 887-891. Engl., Fr. and Germ. summ.

-----, G. Sällvik and L. Wranell: Present testing for germination and future research. Review of Swedish experience of herbage, oil plant, beet, vegetable, flower and forestry seeds. 36(1971)2: 313-324. Engl., Fr. and Germ. summ., ill., bibl. 10

Lal, S.P. and S.B. Mathur: Studies on seed-borne fungi of groundnut. 32(1967)3: 655-666. Engl., Fr. and Germ. summ., bibl. 7

Larsen, A.L.: Use of thermogradient plate for studying temperature effects on seed germination. 30(1965)4: 861-868. Engl., Fr. and Germ. summ., ill., bibl. 3

Laude, H.M. and R.D. Cobb: Germination temperature in relation to growth performance evaluation. 34(1969)2: 291-295. Engl., Fr. and Germ. summ., bibl. 5

Leach, C.M.: The light factor in the detection and identification of seed-borne fungi. 32(1967)3: 565-589. Engl., Fr. and Germ. summ., ill., bibl. 54

Lebrun, C.: Vigueur des semis d'Abies normanniana provenant de graines conservées en chambre froide. 35(1970)3: 583-696. Engl., Fr. and Germ. summ., bibl. 8

Leenders, H.H.: The function of the International Seed Trade Federation (F.I.S.) in the international seed trade. 32(1967)2: 245-257. Engl., Fr. and Germ. summ., bibl. 7

Lemoine, M.: Problèmes posés par le tri et le séchage des graines d'Abies. 30(1965)3: 525-533. Fr., Engl. and Germ. summ., bibl. 6

Leppik, E.E.: Mapping the world distribution of seed-borne pathogens. 29(1964)3: 473-477. Engl., Fr. and Germ. summ., bibl. 14

-----: Detection and interception of foreign pests, pathogens and weeds from introduced seeds. 35(1970)1: 43-49. Engl., Fr. and Germ. summ., ill., bibl. 22

Lewis, J.: Review on articles on seed storage and seed moisture content. 31(1966)2: 189-199. W. disc.

Limonard, L.: Some remarks on the prepatation of agar tests in seed health investigation. 32(1967)3: 603-614. Engl., Fr. and Germ. summ., ill., bibl. 4

-----: Ecological aspects of seed health testing. 33(1968)3: 343-513. Engl., Neth., Fr. and Germ. summ., ill., bibl. 150

Lindenbein, W.: Tetrazolium testing. 30(1965)1: 89-97. Engl., Fr. and Germ. summ., bibl. 10

-----: Report on the activity of the Tetrazolium Test Committee, 1962-1965. 30(1965)2: 381-390. Engl., Fr. and Germ. summ.

Linehan, P.A.: Report of the ISTA Nomenclature Committee. 30(1965)2: 409-412. Bibl. 2

Lithgow, A.V.: Report of the tropical and sub-tropical seeds Working Group. 30(1965)2: 299-304

-----: Seed legislation in New Zealand. 32(1967)2: 523-528. Engl., Fr. and Germ. summ.

-----: Address to the 15th ISTA Congress. 34(1969)4: 489

-----: Report of the Working Group for the germination of tropical and sub-tropical seeds. 34(1969)4: 599-605

-----: Introduction of papers on testing of tropical and sub-tropical seeds. 36(1971)1: 67-74

Litynski, M.: Langfristige Zwiebelsamenlagerung mit Ausnanme der niedrigen Temperaturen.31(1966)2: 223-233. Engl., Germ. and Fr. summ.

Livingston, G.: Address on behalf of Commercial Seed Analysts Association of Canada. 37(1972)1: 75-76

Lobanow, W.J.: Die Organisation des Samenkontrollwesens in der UdSSR. 31(1966)2: 287-295

Lovato, A.: Examination of the problem of whether dormancy exists in seeds of onion (Allium cepa L.) and leek (Allium porrum L.). I. A comparative test of different tetrazolium test techniques. 29(1964)1: 17-26. Engl., Fr. and Germ. and Spanish summ., bibl. 7

----- and M.T. Amaducci: Examination of the problem whether dormancy exists in seeds of onion (Allium cepa L.) and leek (Allium porrum L.) 30(1965)4: 803-820. Engl., Fr., Germ. and Ital. summ., ill., bibl. 4

-----,G. Venturi and M.T. Amaducci: Effect of sand and folded paper substrata and sand moisture level on the germination of naturel and pelleted monogerm beet seed. 35(1970)2: 439-447. Engl., Fr., Germ. and Ital. summ., ill., bibl. 4

Ludwig, H.: 100 Jahre Samenprüfung in der Welt. 34(1969)3: 347-351. Germ., Engl. and Fr. summ.

-----: Die Keimruhe der Gramineen und ihre Problematik bei der Saatgutuntersuchung unter besonderer Berücksichtigung des Einsatzes von Gibberellinsäure. 36(1971)2: 289-305. Engl., Fr. and Germ. summ., bibl. 31

Mackay, D.B.: The detection of mixed origin of samples of Italian ryegrass: Observation of plants grown from pure seed separation. 29(1964)1: 11-17. Engl., Fr. and Germ. summ., bibl. 1

-----: Purity testing, degree of cleaning, judgement of the appearance of the seed, provenance. A review. 30(1965)3: 479-488. W. disc.

-----: The Official Seed Testing Station for England and Wales. 33(1968)2: 220-222

-----: Report of the Purity Committee Working Group on Crop Seed Definitions. 34(1969)4: 551-562

----- and J.H.B. Tonkin: Studies in the laboratory germination and field emergence of sugar beet seed. 30(1965)3: 661-676. Engl., Fr. and Germ. summ., bibl. 14

Magini, E. and A.Z. Sulli: Report of Referee Testing of Picea abies and Pinus sylvestris. 34(1969)4: 659-687. Engl., Fr., Germ. and Ital. summ., bibl. 11

Mahdy, M.T.: Comparative study for evaluating methods of detecting Pyricularia oryzae Cav. on rice seeds. 33(1968)4: 603-607. Engl., Fr. and Germ. summ., bibl. 5

-----, G.A. Nagdy and E.M. Shiltawy: Separation of "off-types" from Dandara cotton-seed by flotation. 29(1964)3: 499-505. Engl., Fr. and Germ. summ., bibl. 4

-----, ----- and S.D. Gaber: Effect and economic impoertance of sowing half grains of wheat containing embryos. 29(1964)3: 507-512. Engl., Fr. and Germ. summ., bibl. 4

-----, ----- and A.A. Lotfy: Problems of sampling in cotton seed. 29(1964)3: 513-518. Engl., Fr. and Germ. summ., bibl. 3

-----, A.A. Lotfy, E. Shiltawy and F.F. Farag: Cold test of cotton seed. 36(1971)2: 279-287. Engl., Fr. and Germ. summ., bibl. 10

Malone, J.P. and A.E. Muskett: Seed-borne fungi; Description of 77 fungus species. 29(1964)2: 179-384, ill., bibl. 60

Mariani, G. and P. Iannelli: Dormancy of recently harvested seeds of Vicia sativa L. 30(1965)4: 765-773. ill.

Marrau, J. and C.M. Messiaen: The Chenopodium quinoa test: A critical method for detecting seed transmission of lettuce mocaic virus. 32(1967)1: 49-57. Engl., Fr. and Germ. summ., ill. bibl. 10

Marschall, F.: Beiträge zur Sortenbestimmung am Weizenkorn. 30(1965)3: 625-636. Germ., Engl. and Fr. summ., bibl. 10

-----: Saatgutgesetzgebung und Organisation des Saatgutwesens in der Schweiz. 32(1967)2: 401-411

-----: Eine neue Apparatur für die Keimprüfung nach der Jakobsenmethode. 34(1969)1: 97-101. Germ., Engl. and Fr. summ. ill.

Mathur, S.B., L.B. Goel and L.M. Joshi: Fungi associated with seeds of Setaria italica and their control. 32(1967)3: 633-638. Engl., Fr. and Germ. summ., bibl. 3

-----, R. Sharma and L.M. Joshi: Mouldy head disease of sorghum: Isolation of associated fungi on blotter and agar. 32(1967)3: 639-645. Engl., Fr. and Germ. summ., bibl. 2

----- and R. Nath: Pestalotia guepini Desm. in seeds of Sorghum vulgare pers. 35(1970)1: 165-168. Engl., Fr. and Germ. summ., ill., bibl. 3

----- and P. Neergaard: Seed health testing of rice. IV. Effect of light and temperature on seed-borne fungi in the blotter test. 37(1972)3: 723-729. Engl., Fr. and Germ. summ., bibl. 9

-----, J.I. Mallya and P. Neergaard: Seed-borne infection of Trichoconis padwickii in rice, distribution and damage to seeds and seedlings. 37(1972)3: 803-810. Engl., Germ. and Fr. summ., bibl. 9

Mathys, G.: Efforts undertaken towards harmonizing seed certification schemes. 37(1972)1: 115-116

Matthews, D.: A note on the testing of pea seeds for the presence of Ascochyta species. 29(1964)1: 141-144. Engl., Fr. and Germ. summ., bibl. 1

Matthews, S. and W.T. Bradnock: The detection of seed samples of wrinkle-seeded peas (Pisum sativum L.) of potentially low planting value. 32(1967)3: 553-563. Engl., Fr. and Germ. summ., ill., bibl. 16

----- and M.F.F. Carver: Further studies on rapid seed exudate tests indicative of potential field emergence. 36(1971)2: 307-312. Engl., Fr. and Germ. summ., bibl. 12

Meadly, G.R.W.: Seed industry procedures and legislation in Australia. 32(1967)2: 529-535. Engl., Fr. and Germ. summ.

-----: Introduction to the group miscellaneous papers. 35(1970)3:651-662

-----: Testing tropical and sub-tropical seed species - Introduction. 37(1972)3: 713-718

Mejer, E.: Address on behalf of the OECD. 34(1969)4: 495

----: Testing seed vigour in rice. 36(1971)2: 273-278. Engl., Fr., and Germ. Summ., ill., bibl. 11

Mian, A.L. and L.C. Coffey: Eighty-hour-count germination test - A new method for measuring seed vigour in corn. 36(1971)2: 265 - 271. Engl., Fr., and Germ. summ., bibl. 10

Mishra, M.D., S.P. Raychaudhuri and R.J. Chandra: Detecting virus infection in seeds through embryo-culture. 32(1967)3: 617-624. Engl., Fr. and Germ. summ., ill., bibl. 16

Miyagi, K.: Effect of moisture-proof packing on the maintenance of viability of vegetable seeds. 31(1966)2: 213-222. Engl., Fr. and Germ. summ., ill.

Mok, C.K.: Sample size for moisture and viability testing of oil palm (Elaeis guineensis Jacq.) seed. 37(1972)3: 751-761. Engl., Fr. and Germ. summ., bibl. 11

-----: The tetrazolium test for evaluating the viability of oil palm (Elaeis guineensis Jacq.) seed. 37(1972)3: 771-778. Engl., Fr. and Germ. summ., ill., bibl. 7

Moore, R.P.: Natural destruction of seed quality under field conditions as revealed by tetrazolium tests. 30(1965)4: 995-1003. Engl., Fr. and Germ. summ., ill., bibl. 12

-----: History supporting tetrazolium seed testing. 34(1969)2: 233-242. Engl., Fr. and Germ. summ., ill., bibl. 28

Morbey, J.T.M.: Investigations for the certification of the varietal purity of seeds of some horticultural species grown in Portugal. 30(1965)3: 587-599. Engl., Fr., Germ. and Port. summ.

Mullin, J.F.: Investigations into some common methods of lot sampling. 30(1965)2: 207-213, ill.

-----: Causes of variation in samples. 33(1968)2: 235-239, bibl. 11

Nagdy, G.A., I.T. Mahdi and E.I. Shiltawy: Control of seed-borne diseases of wheat in Egypt. 32(1967)1: 65-70. Engl., Fr. and Germ. summ., bibl. 3

-----, R.K. Mohamed, B.F. Hanna and G.M. Amin: The effect of field roguing and seed selection on the purity of cotton seed in Egypt. 36(1971)2: 239-250. Engl., Fr. and Germ. summ., bibl. 5

Nakamura, S.: Seed legislation in Japan. 32(1967)2: 453-459

-----: Determination of germinability of eggplant and pepper seeds with X-ray contrast methods. 36(1971)1: 99-104. Engl., Fr. and Germ. summ., ill., bibl. 6

-----, T. Sato, T. Sato and T. Mine: Storage of vegetable seeds dressed with fungicidal dusts. 37(1972)3: 961-968. Engl., Fr. and Germ. summ., bibl. 3

Nath, R., P. Neergaard and S.B. Mathur: Identification of Fusarium species on seeds as they occur in blotter test. 35(1970)1: 121-144. Engl., Fr. and Germ. summ., ill., bibl. 22

-----, ----- and -----: Drechslera longirostrata (Subram.) comb. nov. in seeds of rice and sorghum. 35(1971)1: 145-150. Engl., Fr. and Germ. summ., ill., bibl. 3

-----, S.B. Mathur and P. Neergaard: Seed-borne fungi of mungbean (Phaseolus aureus Roxb.) from India and their significance. 35(1970)1: 225-241. Engl., Fr. and Germ. summ., ill., bibl. 9

Neeb, O.: Begründung des I.I.R.B.-Vorschlages zur Untersuchung von Zuckerrübensaatgut. 30(1965)2: 173-176. W. disc.

Neergaard, P.: Historical development and current practices in seed health testing. 30(1965)1: 99-118. Engl., Fr. and Germ. summ., bibl. 27

-----: Report of the Committee on Plant Diseases 1962-1965. 30(1965)2: 335-348, bibl. 31

-----: Report of the Committee on Plant Diseases 1965-1968. 34(1969)4: 629-647. Engl. summ., bibl. 43

-----: Seed pathology, international cooperation and organization. 35(1970)1: 19-42. Engl., Fr. and Germ. summ., bibl. 20

-----: International and national cooperation in seed health testing and certifications. 37(1972)1: 117-123, bibl. 5

-----: Types of seed-borne plant quarantine objects classification into the categories outlined in lists A, B and C. 37(1972)1: 125-138

-----: Report of the Committee on Plant Diseases, 1968-1971. 37(1972)2: 511-524, bibl. 43

-----, A.K. Lambat and S.B. Mathur: Seed health testing of rice. III. Testing procedures for detection of Pyricularia oryzae Cav. 35(1970)1: 157-163. Engl., Fr. and Germ. summ., bibl. 5

Nichols, M.A.: Some seed and other requirements for producing evenly maturing vegetables. 34(1969)2: 315-318. Engl., Fr. and Germ. summ., bibl. 6

----- and W. Heydecker: Two approaches to the study of germination data. 33(1968)3: 531-540. Engl., Fr. and Germ. summ., bibl. 12

Niffenegger, D.: Report of activities of ISTA Statistics Committee. 37(1972)2: 565-566

Nijdam, F.E.: The Convention of Paris for the Protection of New Varieties of Plants. 32(1967)2: 281-290. Engl., Fr. and Germ. summ., bibl. 2

Noble, M.: Introduction to Series 3 of the Handbook on Seed Health Testing. 30(1965)4: 1045-1047. bibl. 5

----- and M.J. Richardson: An annotated list of seed-borne diseases. 2nd edition. 33(1968)1: 1-191

Norman, J.C.: Germination of Michelia champaca seeds after various short storage and seed coat treatment. 36(1971)2: 335-342. Engl., Fr. and Germ. summ., bibl. 8

Norup Pedersen, P.: Report of the ISTA Referee Testing Committee 1968-1971. 37(1972)2: 569-582.

Olesen, M.: The classification of Agropyron repens florets and caryopses. 33(1968)2: 248-251, bibl. 1

-----: The classification of grass seed florets in the purity test. 33(1968)2: 252-257.

-----: Report of the Working Group on purity testing of Beta vulgaris. 34(1969)4: 567-576

----- and N.E. Langkilde: The germinativity of undeveloped seeds of Agropyron repens and its bearing on the purity analyses. 30(1965)3: 537-545. Engl. summ., bibl. 4

Olsen, K.J.: Variety testing of beets by means of laboratory and field plot methods. 29(1964)4: 909-917. Engl., Fr. and Germ. summ., ill., bibl. 9

Oomen, W.W.A.: Experimental seed cleaning equipment. 34(1969)1: 15-71. Engl., Fr and Germ. summ., ill.

----- and R. Koppe: Germination cabinets with day and night cycles. 34(1969)1: 103-114. Engl., Fr. and Germ. summ., ill.

O'Reilly, M.V.: Commercial seed drying in Australia. 36(1971)1: 131-140. Engl. Fr. and Germ. summ.

Orel, V.: Mendels Tätigkeit in der Ackerbaugesellschaft von Mähren und Schlesien, einschliesslich seiner Teilnahme an der Saatgutförderung. 34(1969)3: 353-367. Germ., Engl. and Fr. summ., ill., bibl. 11

Ovcharov, K.E.: The physiology of different-quality seeds. 34(1969)2: 305-313. Engl., Fr. and Germ. summ., bibl. 14

Parnell, H.R.: Seed legislation in Canada. 32(1967)2: 429-435

Pedersen, A.: Varietal purity examination of barley. 29(1964)4: 819-826. Engl., Germ. and Fr. summ., ill.

Peel, A.C.: Report of the Working Group on Tropical Grass Seeds, Purity Committee. 34(1969)4: 563-566

----- and E.T. Prodonoff: Storage of hamil grass (Panicum maximum) seed. 36(1971)1: 173-175. Engl., Fr. and Germ. disc.

----- and -----: Retention of viability of pasture seed exported from Queensland by ship to Taiwan and the Philippines. 36(1971)1: 177-180. Engl., Fr. and Germ. disc.

----- and -----: Dry conditioning of Australian-produced vegetable seed. 36(1971)1: 181

Perdok, L.A.: The influence of gradual deterioration of polyploid beet seed on the ploidy pattern. 35(1970)3: 613-614. Engl. and Germ. summ.

Perry, D.A.: Seed vigour and field establishment of peas. 32(1967)1: 3-12. Engl., Fr. and Germ. summ., ill., bibl. 8

-----: Seed Vigour in peas (Pisum sativum L.). 34(1969)2: 221-232. Engl., Fr. and Germ. summ., bibl. 19

-----: A vigour test for peas based on seedling evaluation. 34(1969)2: 265-270. Engl., Fr. and Germ. summ., ill., bibl. 4

Phatak, H.C. and A.S. Summanwar: Detection of plant viruses in seeds and seed stocks. 32(1967)3: 625-631. Engl., Fr. and Germ. summ., bibl. 9

Pielen, L.: ISTA Kongress 1965. 30(1965)2: 134

Potgieter, E.V. and P.R. de Beer: The effect of certain contact insecticides and fumigants on the germination, aftergrowth and yield of stored grain seed. 37(1972)3: 941-951. Engl., Fr. and Germ. summ., bibl. 4

Prabhu, A.S. and R. Prasada: Evaluation of seed infection caused by Alternaria triticina in wheat. 32(1967)3: 647-654. Engl., Fr. and Germ. summ., ill., bibl. 4

Price, M.J.: Screening seed samples for germination inhibitors. 35(1970)2: 637-639. Fr. and Germ. summ.

Quartley, C.E.: The detection of mixed origin in samples of Italian ryegrass: provenance examination. 29(1964)1: 1-10. Engl., Fr. and Germ. summ., bibl. 7

-----: Evidence for Portuguese origin in samples of Italian ryegrass. 33(1968)4: 609-617. Engl., Fr. and Germ. summ., bibl. 13

-----: Report of the Provenance Committee 1965-1968. 34(1969)4: 613

-----: Report of the Nomenclature Committee 1965-1968. 34(1969)4: 703-711. Engl. summ. and appendix, bibl. 5

-----: Report of the Nomenclature Committee 1968-1971. 37(1972)2: 553-557. Engl. summ., bibl. 5

Quinlivan, B.J.: The interpretation of germination tests on seeds of Lupinus species which develop impermeability. 35(1970)2: 349-359. Engl., Fr. and Germ. summ., bibl. 6

Radersma, S.C.: Morphological, physiological and other characters as the basis of variety testing by laboratory methods. 29(1964)4: 785-793. Engl., Germ. and Fr. summ., bibl. 4

----- and E.A. Perdok: How to obtain optimal results with the Gentner fluorescence test. 30(1965)3: 637-645. Engl., Fr. and Germ. summ., bibl. 11

Radwan, M.S., E.M. Shiltawi and M.T. Manal: The influence of seed size and seed source on germination and seedling vigour of Berseem clover (Trifolium alexandrinum L.). 37(1972)3: 763-769. Engl., Fr. and Germ. summ., ill., bibl. 7

Raychaudhuri, S.P.: Intensification of seed pathology work in India and need for proper quarantine measures. 35(1970)1: 69-76. Engl., Fr. and Germ. summ., bibl. 6

Ribeiro, L.J.: Trials for varietal control in carrot varieties (cultivars) grown in Portugal. 35(1970)3: 791-806. Engl., Fr., Port. and Germ. summ., ill.

Richardson, M.J.: Investigations on seed-borne pathogens of Brassica spp. 35(1970)1: 207-223. Engl., Fr. and Germ. summ., bibl. 2

Robbertse, P.J., J.J. Lowes and E. du Plessis: A quick method for determining the germination capacity of freshly harvested beet seed. 33(1968)4: 561-566. Engl., Fr. and Germ. summ., bibl. 3

Rodenburg, C.M. and J.A. Huyskes: The identification of varieties of lettuce, spinach and witloof chicory. 29(1964)4: 963-977. Engl., Fr. and Germ. summ., ill., bibl. 16

Ronloff, I.: The controlled environment room test of lettuce seed for identification of lettuce mosaic virus. 32(1967)1: 59-63. Engl., Fr. and Germ. summ., bibl. 8

Rollin, S.F.: Seed legislation in the United States of America. 32(1967)2: 437-444

-----: Report of the Sampling and Bulking Committee 1968-1970. 37(1972)2: 293-297

-----: Sampling and Bulking - Introduction. 37(1972)3: 653-656

Schmidt, H.H.: Bericht der Arbeitsgruppe "Blumensaaten" 1962-1965. 30(1965)2: 251-298

-----: Grundlage für eine Diskussion über sonstige Arbeiten in Bezug auf Saatgutprüfung und Samenkunde. 31(1966)2: 237-242. W. disc.

Schoorel, A.F.: How to issue and use international certificates. 30(1965)2: 187-196. Engl., Fr. and Germ. summ.

-----: Comment on rules for sugar beet testing (proposed by I.I.R.B.). 30(1965)3: 535-536

-----: Aim and function of the ISTA in relation to the national and international distribution of sowing seed. 32(1967)2: 237-244. Engl., Fr. and Germ. summ.

-----: Introduction and use of good seed of the right cultivars in developing countries. 37(1972)1: 93-101. Engl. summ., bibl. 15

-----: Report of the Rules Committee. 37(1972)2: 159

----- and S.C. Radersma: Some properties of cultivars of tetraploid Lolium species. 30(1965)3: 609-615. Engl., Germ. and Fr. summ., ill.

Schubert, J.: Vergleichsuntersuchungen zur Prüfung der Excised- Embryo- Methode an Hand des Keim- und Tetrazoliumtests bei Fraxinus excelsior, Prunus avium und Pinus monticola. 30(1965)4: 821-859. Engl., Fr., Germ. and Russ. summ., ill., bibl. 6

-----: Zur Differenzierung zwischen Verlust des Reduktionsvermögens und Indikator-Mangel im Samengewebe beim Tetrazolium-Test. 30(1965)4: 961-968. Engl., Germ. and Fr. summ., ill.

Schwass, R.H.: Loss of viability in rice seed during short-term storage in Thailand. 36(1971)1: 182-187. Engl., Fr. and Germ. summ., bibl. 3

Seaton, R.D.: The classification of florets of Dactylis glomerata in the purity test. 33(1968)2: 258-259

Sharir, A.: Germination temperatures of dormant and non-dormant Rhodes grass seed. 36(1971)1: 109-113. Engl., Fr. and Germ. summ. and concl., bibl. 2

Shelton, H.W.L.: Welcome address to the 15th ISTA Congress. 34(1969)4: 477

Shiltawy, E.M., M.T. Mahdy and G.A. Nagdy: Efficiency of roguing off-type plants in purification of cotton seed in Egypt. 31(1966)3: 771-778. Engl., Fr. and Germ. summ., bibl. 4

Shu-ten Tseng: Breaking dormancy of rice seed with carbon dioxide. 29(1964)3: 445-450. Engl., Fr. and Germ. summ., bibl. 7

Simak, M.: Germination analyses of Abies alba seed. 35(1970)2: 361-367. Engl., Fr. and Germ. summ., bibl. 5

----- and S.K. Kamra: Germination studies on Norway spruce (Picea albies) seed different provenances under alternating and constant temperatures. 35(1970)2: 383-391. Engl., Fr. and Germ. summ., bibl. 10

Simančík, F.: Germination of seeds of Prunus lauracerasus L. after gibberellic acid treatment at warm, cold and warm, followed-by-cold stratifications. 35(1970)2: 393-402. Engl., Fr. and Germ. summ., ill. bibl. 14

-----, B. Bevilacqua and M. Simak: Bekämpfung von Schimmelpilzen im Jacobsen-apparat durch ultraviolettes Licht. 31(1966)5: 731-739. Germ., Engl., and Fr. summ., ill., bibl. 7

Singh, A.: Problems in the standardisation of seed testing methods for tropical crops. 30(1965)3: 723-726. Engl., Fr. and Germ. summ.

-----, J.E. Douglas and L. Kåhre: Good quality seed use accelerated in India. 36(1971)1: 23-31. Engl., Fr. and Germ. summ., ill.

-----, D.D. Datta and D. Singh: Laboratory germination findings on Bajra seed (Pennisetum typhoides). 36(1971)1: 105-197. Engl., Fr. and Germ. summ and concl.

-----, I. Karna and K. Verma: Germination methods for jute seed. 37(1972)3: 793-796. Engl., Fr. and Germ. summ., bibl. 3

Smith, C.J.: Seed dormancy in Sabi panicum. 36(1971)1: 81-97. Engl., Fr. and Germ. summ., ill., bibl. 19

Smith, H.L.: Address on behalf of the Association of Official Seed Analysts. 30(1965)2: 170-172

Spreafico, L.: Injured seeds, germination and abnormal seedlings in wheat. 30(1965)3: 727-736. Engl., Fr. and Germ. summ., ill., bibl. 6

Stahl, Chr.: Beginning and development of variety tests. 29(1964)4: 765-776. Engl., Fr. and Germ. summ., bibl. 31

Steinberger, J.: Die Echtheitsprüfung bei Gräsern und Kleearten mit Labor- und Glashausmethoden. 29(1964)4: 851-860. Engl. and Fr. summ., bibl. 14

Strickland, R.W.: Seed production and testing problems in tropical and sub-tropical pasture species. 36(1971)1: 189-199. Engl., Fr. and Germ. concl., ill., bibl. 13

Sung, T.Y.: Seed legislation of the Republik of China. 30(1967)2: 461-466. Engl., Fr. and Germ. summ.

Takayanagi K. and K. Murakam: New method of seed viability test with exudates from seed. 34(1969)2: 243-252. Engl., Fr. and Germ. summ., ill., bibl. 11

Tattersfield, J.G. and L.E.N. Johnston: The L-value heterogeneity test New Zealand experience. 35(1970)3: 719-734. Engl., Fr. and Germ. summ., bibl. 2

Telneset, S. and L.O. Dilling: Identification and testing of purity of cultivar in oats. 29(1964)4: 603-618. Engl., Germ. and Fr. summ., ill., bibl. 45

Tempe, J. de : Seed-borne Fusarium infection in temperate climate cereals. 29(1964)1: 97-116. Engl., Fr. and Germ. summ., ill., bibl. 33

-----: Helminthosporium spp. in seeds of wheat, barley, oats and rye. 29(1964)1: 117-140. Engl., Fr. and Germ. summ., ill., bibl. 78

-----: Recent developments in seed health testing. 29(1964)3: 479-486. Engl., Fr. and Germ. summ., bibl. 40

-----: Introduction to subject G: Sanitary condition and seed disinfection. 30(1965)4: 1031-1044. W. disc.

-----: The detection of Helminthosporium and Fusarium spp. in ryegrass and Meadow fescue seed samples. 33(1968)3: 541-545. Engl., Fr. and Germ. summ., ill., bibl. 3

-----: The quantitative effect of light and moisture on carrot seed infections in blotter medium. 33(1968)3: 547-553. Engl., Fr. and Germ. summ., bibl. 6

-----: Some experiments on testing beet seed for Phoma betae. 33(1968)4: 567-572. Engl., Fr. and Germ. summ., bibl. 3

-----: The quantitative evaluation of seed-borne pathogenic infections. 33(1968)4: 573-581. Engl., Fr. and Germ. summ., bibl. 4

-----: The analysis of the laboratory testing requirements of two seed-borne diseases. 33(1968)4: 583-588. Engl., Fr. and Germ. summ., bibl. 7

-----: Testing oat seed for Fusrium spp. and Helminthosporium avenae. 33(1968)4: 589-602. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: The determination of Drechslera sativa in barley seed in the Netherlands. 35(1970)1: 185-191. Engl., Fr. and Germ. summ., bibl. 2

-----: Testing cereal seeds for Fusarium infection in the Netherlands. 35(1970)1: 193-206, Engl., Fr. and Germ. summ., bibl. 8

-----: Routine methods for determining the health condition of seeds in the seed testing station. 35(1970)1: 257-296, bibl. 108

----- and T. Limonard: The influence of substrate moisture on the results of seed health testing in blotter medium. 31(1966)2: 169-178. Engl., Fr. and Germ. summ., bibl. 5

Terning, P.-E.: Variety testing of Brassica and Sinapis. 29(1964)4: 949-956. Engl., Fr. and Germ. summ., bibl. 7

Thielebein, M.: Address on behalf of the Food and Agriculture Organisation of the United Nations. 30(1965)2: 149-152. W. disc.

Thompson, P.A. and D.J.C. Fox: A simple thermo-gradient bar designed for use in seed germination studies. 36(1971)2: 255-263. Engl., Fr. and Germ. summ., ill., bibl. 3

Thomson, J.R.: Statistics Committee 1962-1965. 30(1965)2: 395-408

-----: Breaking dormancy in germination tests of Trifolium spp. 30(1965)4: 905-909. Engl., Fr. and Germ. summ., bibl. 3

-----: Seed legislation of the United Kingdom. 32(1967)2: 317-322

-----: Welcome to participants on behalf of the ISTA. 33(1968)2: 218-219

-----: Purity tolerances. 33(1968)2: 265-267

-----: Changes in the International Rules for Seed Testing. 33(1968)2: 296-298

-----: ISTA's contribution to seed improvement. 34(1969)3: 419-425. Engl., Fr. and Germ. summ.

-----: Report of the Variety Committee 1965-1968. 34(1969)4: 615-628

-----: Statistics Committee 1965-1968. 34(1969)4: 745-750

-----: Health as a factor in seed quality. 35(1970)1: 9-17. Engl., Fr. and Germ. summ.

-----: Introduction of papers on seed legislation. 36(1971)1: 5-16. W. disc.

-----: The new constitution of ISTA - Introduction. 37(1972)1: 29-30

-----: Opening speech. 37(1972)1: 65

-----: Testers and traders. 37(1972)1: 77-78

-----: OECD seed schemes. 37(1972)1: 113-114

-----: The rules of the future. 37(1972)2: 265-285

-----: The heterogeneity test. Prepr. 14. 37(1972)3: 669-679. Engl., Fr. and Germ. summ., bibl. 14

Tonkin, J.B.H.: Seedling evaluation: the use of soil tests. 34(1969)2: 281-289. Engl., Fr. and Germ. summ., ill.

-----: Report of the Germination Committee Working Group on temperate legumes. 37(1972)2: 361-363

Toole, V.K. and H.A. Borthwick: Light responses of Eragrostis curvula seed. 33(1968)3: 515-530. Engl., Fr. and Germ. summ., bibl. 6

Trebuchet, G.: Développement du commerce des semences. 34(1969)3: 385-394. Engl., Fr. and Germ.summ.

Vaughan, C.E., J.D. Albritton, J.H. Beck and G.M. Dougherty: Further studies on blending free-flowing seeds with bin flow control devices. 37(1972)3: 681-704. Engl., Fr. and Germ. summ., ill., bibl. 1

Verheij, C.: An automatic seed-sample collector. 30(1965)3: 449-452. Engl., Fr. and Germ. summ., ill.

-----: The use of mechanical seed counters. 30(1965)2: 213-220. Bibl. 6

-----: Experiments on the reliability of preparing working samples in seed testing with mechanical counters. 29(1964)3: 387-397. Engl., Fr. and Germ. summ.

Vincent, G.: Zertifizierung von Forstsaatgut und seine standortsgemässe Übertragung. 30(1965)3: 601-608. Engl., Germ. and Fr. summ., bibl. 10

Virion, J.: Organisation und rechtliche Grundlagen des Saatgutwesens in Polen. 32(1967)2: 377-391. Germ., Engl. and Fr. summ.

Vodák, A. and J. Pazonrek: Eine neue Methode zur Unterscheidung von Samen der Brassica oleracea L. und Brassica napus L. Arten (durch Abdruckmethode). 30(1965)3: 565-572. Engl., Germ. and Fr. summ., ill., bibl. 16

-----: Eine einfache und sichere Artdiagnose von Sinapis arvensis L.-Samen mit Hilfe der Abdruckmethode. 36(1971)2: 233-238. Germ., Engl. and Fr. summ., ill., bibl. 9

Voisenat, P.: Législation et réglementation des semences en France. 32(1967)2: 369-376

Wharton, A.L. and H. Ensor: A presumptive test to detect Ascochyta infection in samples of pea seeds. 35(1970)1: 173-179. Engl., Fr. and Germ. summ., bibl. 2

Wellington, P.S.: Germinability and its assessment. 30(1965)1: 73-88 Engl., Fr. and Germ. summ., bibl. 40

-----: Introduction to the discussion on germination. 30(1965)3: 649-659. W. disc.

-----: Report of the Germination Committee 1962-1965. 30(1965)2: 229-235

-----: Seedling evaluation in germination tests on crop seeds; the essential structures of normal seedlings. 33(1968)2: 299-307

-----: Report of the Germination Committee 1965-1968. 34(1969)4: 577-583

-----: Handbook for seedling evaluation. 35(1970)2: 449 - 597

Wold, A.: Review of subject and discussion of articles on bulking, sampling, tolerances and statistical analysis. 30(1965)3: 439-448. W. disc.

-----: Evaluation of crop seeds and weed seeds in the purity analysis. 30(1965)3: 489-492. Engl., Fr. and Germ. summ.

-----: Report of the Sampling and Bulking Committee 1962-1965. 30(1965)2: 199-206

-----: Development and problems in sampling seeds. 33(1968)2: 223-227

-----: Introduction on papers regarding equipment for cleaning, blending, sampling and testing seeds. 34(1969)1: 3-14. W. disc.

-----: In memory of Professor Dr. Friedrich Nobbe. 34(1969)3: 345-346, ill.

-----: The volume of seed testing - Comments to the table. 34(1969)3: 451-459

-----: Report of the Sampling and Bulking Committee. 1965-1968. 34(1969)4: 519-532

-----: Report of the Purity Committee Working Group on the evaluation of weed seeds. 34(1969)4: 539-549. Engl., Fr. and Germ. summ.

Woodstock, L.W.: Biochemical tests for seed vigor. 34(1969)2: 253-265. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: Seedling growth as a measure of seed vigor. 34(1969)2: 273-280. Engl., Fr. and Germ. summ., ill., bibl. 14

Wyk, J.F. van: Report of the Working Group to study pretreatment of Lupin seed (Lupinus luteus). 30(1965)2: 305-317. Engl., Fr. and Germ. summ.

-----: Seed legislation in South Africa. 32(1967)2: 491-506. Engl., Fr. and Germ. summ.

SUBJECT INDEX

1. General

Hanson, A.A.: Modern consepts in plant breeding. 34(1969)3: 369-384. Engl., Fr. and Germ. summ., ill., bibl. 22

Orel, V.: Mendels Tätigkeit in der Ackerbaugesellschaft von Mähren und Schlesien, einschliesslich seiner Teilnahme an der Saatgutförderung. 34(1969)3: 353-367. Germ., Engl. and Fr. summ., ill., bibl. 11

2. Basic Sciences

2.1. Morphology and anatomy (see also 4.7)

Abu-Shakra, S., A.A. Miah and A.R. Saghir: Morphology and anatomy of branched broomrape (Orobanche ramosa L.) seed. 36(1971)2: 251-253. Engl., Fr. and Germ. summ., ill., bibl. 6

Bogdan, A.V.: Seed morphology of some cultivated African grasses. 31(1965)5: 789-799. Fr. and Germ. summ., ill.

Cabral, J.F.: The "Maral" cultivar of Persian clover (Trifolium resupinatum L.) obtained in Portugal. 31(1966)2: 261-267. Fr., Germ. and Port. summ.

Eifrig, H.: Beitrag zur Identifikation von Varietäten und Typen bei Trifolium alexandrinum L. und Trifolium resupinatum L. 30(1965)3: 573-585. Germ., Engl. and Fr. summ., ill., bibl. 15

-----: Möglichkeiten der Sortenidentifikation bei Lolium spp. durch Laborversuche. 35(1970)3: 759-771. Germ., Engl. and Fr. summ., bibl. 17

Fredriksson, P.: Identification of seeds by means of thin-layer chromatography. 32(1967)3: 541-551. Engl., Fr. and Germ. summ., ill., bibl. 16

Heydel, H.R. and A. Prüter: Eine neue Methode zur Unterscheidung landwirtschaftlich wichtiger Brassica-Arten bei der Saatgutuntersuchung. 31(1966)5: 741-749. Germ., Engl. and Fr. summ., ill., bibl. 12

Kooistra, E.: Identification research on pulses. 29(1964)4: 937-948. Engl., Fr. and Germ. summ., ill. bibl. 23

Vodák, A: Eine einfache und sichere Artdiagnose von Sinapis arvensis L.-Samen mit Hilfe der Abdruckmethode. 36(1971)2: 233-238. Germ., Engl. and Fr. summ., ill., bibl. 9

----- and J. Pazonrek: Eine neue methode zur Unterscheidung von Samen der Brassica oleracea L.- und Brassica napus L.-Arten (durch Abdruckmethode). 30(1965)3: 565-572. Germ., Engl. and Fr. summ., ill., bibl. 16

2.2. Physiology and biochemistry (see also 4.4 and 4.5)

Abu-Shakra, S. and B.A. Aqil: Efforts to improve the germination of sugar beet seed. 35(1970)2: 641-636. Engl., Fr. and Germ. summ., bibl. 5

Ader, F.: Zur Verringung des Anteils hartschaliger Samen bei Leguminosen. 30(1965)4: 911-921. Germ., Engl. and Fr. summ., bibl. 8

-----: Keimfähigkeit - Einführung. 37(1972)3: 841-844

Andersen, A.M., J.R. Hart and R.C. French: Comparison of germination techniques and conductivity tests of cotton seeds. 29(1964)1: 81-96. Engl., Fr. and Germ. summ., ill., bibl. 11

Baciu-Miclaus, D.: Contribution to the study of hard seed and coat structure properties of soybean. 35(1970)2: 599-617. Engl., Fr. and Germ. summ., ill. bibl. 65

Ballard, L.A.T.: Introduction to physiological aspects. II. Vigour, ageing and tetrazolium test. 34(1969)2: 180-199. W. disc.

-----: High sensitivity to temperature of the germination responses of seeds of Townsville stylo (Stylosanthes humilis) H.B.K. 37(1972)3: 779-791. Engl., Fr. and Germ. summ., bibl. 12

----- and A.E. Grant Lipp: Germination of subterranean clover seed in relation to some softening procedures. 30(1965)4: 893-904. Engl., Fr. and Germ. summ., ill., bibl. 9

Barthodeiszky, A., S. Gáspár and E. Kiss: Studies on the possibility to terminate the lability of germination in the seeds of beet (Beta vulgaris L.). 30(1965)3: 677-688. Engl., Fr. and Germ. summ., ill., bibl. 16

Bekendam, J.: The chemical breaking of dormancy of barley seeds. 31(1966)5: 779-787. Engl., Fr. and Germ. summ., bibl. 5

-----: Germination of beet seed. 33(1968)2: 308-313, bibl. 3

----- and J. Bruinsma: The chemical breaking of dormancy of wheat seeds. 30(1965)4: 869-886. Engl., Fr. and Germ. summ., ill., bibl. 26

Borthwick, H.A.: Light effects with particular reference to seed germination. 30(1965)1: 15-27. Engl., Fr. and Germ. summ., ill., bibl. 17

Broniewski, S.: Der Verlauf der Zellteilung in keimenden Samen. 31(1966)5: 693-710. Germ., Engl. and Fr. summ., ill., bibl. 5

Chacko, E.K. and R.N. Singh: Studies on the longevity of papaya, phalsa, guava and mango seeds. 36(1971)1: 147-158. Engl., Fr. and Germ. summ., bibl. 7

Chinoy, J.J. and O.P. Saxena: Inductive effect of ascorbic acid on ribonucleic acid, amylase, protease and ribonuclease. 37(1972)3: 903-910. Engl., Fr. and Germ. summ., bibl. 38

Chowings, J.W.: Interaction of seed and substrata conditions in the laboratory germination of broad beans (Vicia faba L. var. faba). 35(1970)2: 619-629. Engl., Fr. and Germ. summ., ill., bibl. 13

Dorywalski, J. and H. Tucholska: Über den praktischen Wert einiger Verfahren zur Bestimmung der Lebensfähigkeit von Mais-Saatkörnern. 30(1965)4: 929-935. Engl., Fr. and Germ. summ., bibl. 4

Easton, G.R.: Introduction of other papers on germination. 35(1970)2: 315-324. W. disc.

Effman, H. and G. Specht: Bestimmung der Lebensfähigkeit der Samen von Gramineen mit der Säurefuchsinmethode unter Anwendung der Sequenzanalyse. 32(1967)1: 27-47. Germ., Engl. and Fr. summ., ill., bibl. 21

Eifrig, H.: Die Anwendung keimungsphysiologisch wirksamer Substanzen bei der Prüfung von Poa pratensis und Phleum pratense Spelzfruchten unterschiedlicher Reifegrade. 37(1972)3: 881-902. Engl., Fr. and Germ. summ., ill., bibl. 15

Ensor, H.L.: The influence of the water content of sand on the germination of dwarf beans (Phaseolus vulgaris L.). 32(1967)1: 13-20. Engl., Fr. and Germ. summ., bibl. 2

Evenari, M.: Physiology of seed dormancy, after-ripening and germination. 30(1965)1: 49-71. Bibl. 40

Fritz, T.: Influence of temperature and parasitic fungi on germinating capacity of cereal seed. 31(1966)5: 711-717. Engl. summ., bibl. 2

-----: Laboratory and field tests of frost damaged oat seed. 37(1972)3: 969-973. Engl., Fr. and Germ. summ., bibl. 3

Gelmond, H.: Pretreatment of leek seed as a means of overcoming superoptimal temperatures of germination. 30(1965)3: 737-742. Engl., Fr. summ., bibl. 5

-----: Growth and development of the peanut plant (Arachis hypogaea) in relation to seedling evaluation in the germination test. 36(1971)1: 121-130. Engl., Fr. and Germ. summ., ill., bibl. 11

-----: Relationship between seed size and seedling vigour in cotton (Gossypium hirstutum). 37(1972)3: 797-802. Engl., Fr. and Germ. summ., bibl. 13

----- and S. Nakamura: Effect of environmental conditions during growth on seed dormancy in peanuts. 30(1965)4: 775-780. Engl., Fr. and Germ. summ., bibl. 9

Grahl, A.: Induktion sekundärer Keimruhe bei Getreide durch hohe Temperatur und der Einfluss der Keimbettfeuchtigkeit. 30(1965)4: 787-801. Engl., Germ. and Fr. summ., ill., bibl. 7

-----: Einfluss der Keimungstemperatur und Stratifikation auf die Keimruhe von Getreide. 35(1970)2: 427-438. Germ., Fr. and Engl. summ., bibl. 18

Hadnagy, A.: Lettuce seed dormancy. 37(1972)3: 865-880. Engl., Fr. and Germ. summ., ill., bibl. 38

Hanssen, K.B. and E.P. Nicholls: Investigations into techniques for the germination of Panicum maximum Jacq. 30(1965)3: 715-722. Engl., Fr. and Germ. summ.

Heydecker, W.: The "Vigour" of seeds - A review. 34(1969)2: 201-219. Engl., Fr. and Germ. summ., bibl. 56

-----, P.I. Orphanos and R.S. Chetram: The importance of air supply during seed germination. 34(1969)2: 297-304. Engl., Fr. and Germ. summ., bibl. 7

Hibbert, D. and W. Woodwark: The effect of various analytical factors on the germination test results obtained on some British sugar beet seeds. 30(1965)3: 689-704

Huxley, P.A.: Some factors which can regulate germination and influence viability of coffee seeds. 29(1964)1: 33-60. Engl., Fr. and Germ. summ., ill., bibl. 32

-----: The effects of hydrogen-ion concentration, temperature and seed drying method on the germination of coffee seeds. 29(1964)1: 61-70. Engl., Fr. and Germ. summ., bibl. 17

-----: Investigations on the maintenance of viability of Robusta coffee seed in storage. 29(1964)3: 423-444. Engl., Fr. and Germ. summ., bibl. 28

Jensen, L.A.: Observations on the viability of Borneo camphor (Dryobalanops aromatica Gaertn.). 36(1971)1: 141-146. Engl., Fr. and Germ. summ., bibl. 4

Johnston, M.E.H. and J.G. Miller: Investigations into techniques for the germination of Paspalum dilatatum. 29(1964)1: 145-148. Engl. summ., bibl. 3

----- and -----: Optimum germination conditions for Trifolium pratense L., red clover. 29(1964)1: 149-153. Engl. summ., bibl. 3

----- and J.G. Tattersfield: Comparison of germination temperature treatments for ryegrass, Lolium spp. 35(1970)2: 325-342. Engl., Fr. and Germ. summ., bibl. 6

----- and -----: Germination conditions for Trifolium subterraneum L. 35(1970)2: 343-347. Engl., Fr. and Germ. summ., bibl. 10

Junges, W., D. Rothacker and K.H. Engel: Keimfähigkeit und Keimruhe der Samen von knollentragenden Solanum-Species und S. tuberosum-Sorten. 32(1967)1: 71-99. Germ., Engl. and Fr. summ., ill., bibl. 29

Justice, O.L. and M.M. Kulik: Some effects of gamma radiation on germination and storage life of seeds of eight crop species. 35(1970)3: 697-712. Engl., Fr. and Germ. summ., bibl. 29

Kantor, J. and F. Simančík: Beitrag zur Frage der Keimruhe bei den Samen der Holzarten. 30(1965)4: 781-786. Germ. and Engl. summ., ill., bibl. 6

Koostra, P.T. and J.F. Harrington: Biochemical effects of age on membranal lipids of Cucumis sativus L. seed. 34(1969)2: 329-340. Engl., Fr. and Germ. concl. and summ., ill., bibl. 9

Kåhre, L., H. Kolk and T. Fritz: Gibberellic acid for breaking of dormancy in cereal seed. 30(1965)4: 887-891. Engl., Fr. and Germ. summ.

Larsen, A.L.: Use of thermogradient plate for studying temperature effects on seed germination. 30(1965)4: 861-868. Engl., Fr. and Germ. summ., ill., bibl. 3

Laude, H.M. and R.D. Cobb: Germination temperature in relation to growth performance evaluation. 34(1969)2: 291-295. Engl., Fr. and Germ. summ., bibl. 5

Lovato, A.: Examination of the problem of whether dormancy exists in seeds of onion (Allium cepa L.) and leek (Allium porrum L.). 1. A comparative test of different tetrazolium test techniques. 29(1964)1: 17-26. Engl., Fr., Germ. and Ital. summ., bibl. 7

----- and M.T. Amaducci: Examination of the problem whether dormancy exists in seeds of onion (Allium cepa L.) and leek (Allium porrum L.). 30(1965)4: 803-820. Engl., Fr., Germ. and Ital. summ., ill., bibl. 4

Ludwig, H.: Die Keimruhe der Gramineen und ihre Problematik bei der Saatgutuntersuchung unter besonderer Berücksichtigung des Einsatzes von Gibberllinsäure. 36(1971)2: 289-305. Engl., Fr. and Germ. summ., bibl. 31

MacKay, D.B. and J.H.B. Tonkin: Studies in the laboratory germination and field emergence of sugar beet seed. 30(1965)3: 661-676. Engl., Fr. and Germ. summ., bibl. 14

Matthews, S. and W.T. Bradnock: The detection of seed samples of wrinkleseeded peas (Pisum sativum L.) of potentially low planting value. 32(1967)3: 553-563. Engl., Fr. and Germ. summ., ill., bibl. 16

----- and M.F.F. Carver: Further studies on rapid seed exudate tests indicative of potential field emergence. 36(1971)2: 307-312. Engl., Fr. and Germ. summ., bibl. 12

Nichols, M.A. and W. Heydecker: Two approaches to the study of germination data. 33(1968)3: 531-540. Engl., Fr. and Germ., summ., bibl. 12

Ovcharov, K.E.: The physiology of different-quality seeds. 34(1969)2: 305-313. Engl., Fr. and Germ. summ., bibl. 14

Peel, A.C. and E.T. Prodonoff: Retention of viability of pasture seed exported from Queensland by ship to Taiwan and the Philippines. 36(1971)1: 177-180. Engl., Fr. and Germ. disc.

Perdok, E.A.: The influence of gradual deterioration of polyploid beet seed on the ploidy pattern. 35(1970)3: 813-814. Engl. and Germ. summ.

Perry, D.A.: Seed vigour and field establishment of peas. 32(1967)1: 3-12. Engl., Fr. and Germ. summ., ill., bibl. 8

-----: Seed vigour in peas (Pisum sativum L.). 34(1969)2: 221-232. Engl., Fr. and Germ. summ., bibl. 19

Price, M.J.: Screening seed samples for germination inhibitors. 35(1970)2: 637-639. Fr. and Germ. summ.

Quinlivan, B.J.: The interpretation of germination tests on seeds of Lupinus species which develop impermeability. 35(1970)2: 349-359. Engl., Fr. and Germ. summ., bibl. 8

Radwan, M.S., E.M. Shiltawi and M.T. Mahdi: The influence of seed size and seed source on germination and seedling vigour of Berseem clover (Trifolium alexandrinum L.). 37(1972)3: 763-769. Engl., Fr. and Germ. summ., ill., bibl. 7

Sharir, A.: Germination temperatures of dormant and non-dormant Rhodes grass seed. 36(1971)1: 109-113. Engl., Fr. and Germ. summ. and concl., bibl. 2

Shu-ten Tseng: Breaking dormancy of rice seed with carbon dioxide. 29(1964)3: 445-450. Engl., Fr. and Germ. summ., bibl. 7

Simak, M. and S.K. Kamra: Germination studies on Norway spruce (Picea abies) seed different provenances under alternating and constant temperatures. 35(1970)2: 383-391. Engl., Fr. and Germ. summ., bibl. 10

Simančik, F.: Germination of seeds of Prunus lauracerasus L. after gibberellic acid treatment at warm, cold and warm, followed-by-cold stratifications. 35(1970)2: 393-402. Engl., Fr. and Germ. summ., ill., bibl. 14

Singh, A., D.D. Datta and D. Singh: Laboratory germination findings on Bajra seed (Pennisetum typhoides). 36(1971)1: 105-197. Engl., Fr. and Germ. summ. and concl.

-----, I. Karna and K. Verma: Germination methods for jute seed. 37(1972)3: 793-796. Engl., Fr. and Germ. summ., bibl. 3

Smith, C.J.: Seed dormancy in Sabi panicum. 36(1971)1: 81-97. Engl., Fr. and Germ. summ., ill., bibl. 19

Takayanagi, K. and K. Murakami: New method of seed viability test with exudates from seed. 34(1969)2: 243-352. Engl., Fr. and Germ. summ., ill., bibl. 11

Thompson, P.A. and D.J.C. Fox: A simple thermo-gradient bar designed for use in seed germination studies. 36(1971)2: 255-263. Engl., Fr. and Germ. summ. ill., bibl. 3

Thomson, J.R.: Breaking dormancy in germination tests of Trifolium spp. 30(1965)4: 905-909. Engl., Fr. and Germ. summ., bibl. 3

Toole, V.K. and H.A. Bortnwick: Light responses of Eragrostis curvula seed. 33(1968)3: 515-530. Engl., Fr. and Germ. summ., bibl. 6

Wellington, P.S.: Germinability and its assessment. 30(1965)1: 73-88. Engl., Fr. and Germ. summ., bibl. 40

Woodstock, L.W.: Biochemical tests for seed vigor. 34(1969)2: 253-265. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: Seedling growths as a measure of seed vigor. 34(1969)2: 273-280. Engl., Fr. and Germ. summ., ill., bibl. 14

2.3 Phytopathology (see also 4.6)

Anselme, Cl. and R. Champion: Importance en [illegible] semences de deux champignons phytopathogenes. 35(1970)1: 77-87. Fr., Engl. and Germ. summ., bibl. 2

Benoit, M.A. and J.B. Mathur: Identification of species of Bipolaris on rice seed. 35(1970)1: 99-119. Engl., Fr. and Germ. summ., ill., bibl. 40

Gupta, J.C. and I. Neergaard: Detection of [illegible] macrosporus ung. in Indian seed lots of coriander. 35(1970)1: 151-154. Engl., Fr. and Germ. summ., ill., bibl. 3

Guthrie, J.W.: The detection and eradication of Pseudomonas [illegible] Phaseolus vulgaris. 35(1970)1: 89-93. Engl., Fr. and Germ. summ., bibl. 10

Heydecker, W. and P.M. Feast: Studies of the hollow heart condition of pea (Pisum sativum) seeds. 34(1969)2: 319-328. Engl., Fr. and Germ. summ., ill., bibl. 4

Howell, P.J.: A note on the sporulation of some seed-borne fungi under near ultra-violet light. 29(1964)1: 155-158. Engl. summ., bibl 7

Kietreiber, M.: Atypische Septoria-nodorum-Symptome an Weizenkeimlingen. (Das Verhalten der Sorte Probus). 31(1966)2: 179-186. Engl., Germ. and Fr. summ., ill., bibl. 6

Kulik, M.M. and M.F. Combs: Carbon and nitrogen nutrition of some seed-borne fungi in vitro. 32(1967)3: 591-602. Engl., Fr. and Germ. summ., bibl. 15

Lal, S.P. and S.B. Mathur: Studies on seed-borne fungi of groundnut. 32(1967)3: 655-666. Engl., Fr. and Germ. summ., bibl. 7

Leach, C.M.: The light factor in the detection and identification of seed-borne fungi. 32(1967)3: 565-589. Engl., Fr. and Germ. summ., ill., bibl. 54

Leppik, E.E.: Mapping the world distribution of seed-borne pathogens. 29(1964)3: 473-477. Engl., Fr. and Germ. summ., bibl. 14

-----: Detection and interception of foreign pests, pathogens and weeds from introduced seeds. 35(1970)1: 43-49. Engl., Fr. and Germ. summ., ill., bibl. 22

Limonard, L.: Some remarks on the preparation of agar tests in seed health investigations. 32(1967)3: 603-614. Engl.,Fr. and Germ. summ., ill., bibl. 4

Mahdy, M.T.: Comparative study for evaluating methods of detecting Pyricularia oryzae Cav. on rice seeds. 33(1968)4: 603-607. Engl., Fr. and Germ. summ., bibl. 5

Malone, J.P. and A.E. Muskett: Seed-borne fungi; description of 77 fungus species. 29(1964)2: 179-384, ill., bibl. 60

Marrau, J. and C.M. Messiaen: The Chenopodium quinoa test: A critical method for detecting seed transmission of lettuce mosaic virus. 32(1967)1: 49-57. Engl., Fr. and Germ. summ., ill., bibl. 10

Mathur, S.B., L.B. Goel and L.M. Joshi: Fungi associated with seeds of Setaria italica and their control. 32(1967)3: 633-638. Engl., Fr. and Germ. summ., bibl. 3

-----, R. Sharma and L.M. Joshi: Mouldy head disease of sorghum: Isolation of associated fungi on blotter and agar. 32(1967)3: 639-645. Engl., Fr. and Germ. summ., bibl. 2

----- and R. Nath: Pestalotia guepini Desm. in seeds of Sorghum vulgare pers. 35(1970)1: 165-168. Engl., Fr. and Germ. summ., ill., bibl. 3

-----, J. I. Mallya and P. Neergaard: Seed-borne infection of Trichoconis padwickii in rice, distribution and damage to seeds and seedlings. 37(1972)3: 803-810. Engl., Germ. and Fr. summ., bibl. 9

Mishra, M.D., S.P. Raychaudhuri and K.J. Chandra: Detecting virus infection in seeds through embryo-culture. 32(1967)3: 617-624. Engl., Fr. and Germ. summ., ill., bibl. 16

Nath, R., P. Neergaard and S.B. Mathur: Identification of Fusarium species on seeds as they occur in blotter test. 35(1970)1: 121-144. Engl., Fr. and Germ. summ., ill., bibl. 22

-----, ----- and -----: Drechslera longirostrata (Subram.) comb. nov. in seeds of rice and sorghum. 35(1970)1: 145-150. Engl., Fr. and Germ. summ., ill., bibl. 3

-----, S.B. Mathur and P. Neergaard: Seed-borne fungi of mungbean (Phaseolus aureus Roxb.) from India and their significance. 35(1970)1: 225-241. Engl., Fr. and Germ. summ., ill., bibl. 9

Phatak, H.C. and A.S. Summanwar: Detection of plant viruses in seeds and seed stocks. 32(1967)3: 625-631. Engl., Fr. and Germ. summ., bibl. 9

Prabhu, A.S. and R. Prasada: Evaluation of seed infection caused by Alternaria triticina in wheat. 32(1967)3: 647-654. Engl., Fr. and Germ. summ., ill., bibl. 4

Richardson, M.J.: Investigations on seed-borne pathogens of Brassica spp. 35(1970)1: 207-223. Engl., Fr. and Germ. summ., bibl. 2

Tempe, J. de: Seed-borne Fusarium infection in temperate climate cereals. 29(1964)1: 97-116. Engl., Fr. and Germ. summ., ill., bibl. 33

-----: Helminthosporium spp. in seeds of wheat, barley, oats and rye. 29(1964)1: 117-140. Engl., Fr. and Germ. summ., ill., bibl. 78

-----: The detection of Helminthosporium and Fusarium spp. in ryegrass and Meadow fescue seed samples. 33(1968)3: 541-545. Engl., Fr. and Germ. summ., ill., bibl. 3

-----: The quantitative effect of light and moisture on carrot seed infections in blotter medium. 33(1968)3: 547-553. Engl., Fr. and Germ. summ., bibl. 6

-----: Some experiments on testing beet seed for Phoma betae. 33(1968)4: 567-572. Engl., Fr. and Germ. summ., bibl. 3

-----: The quantitative evaluation of seed-borne pathogenic infections. 33(1968)4: 573-581. Engl., Fr. and Germ. summ., bibl. 4

----- and T. Limonard: The influence of substrate moisture on the results of seed health testing in blotter medium. 31(1966)2: 169-178. Engl., Fr. and Germ. summ., bibl. 5

3. Culture of Seeds

3.1. Seed improvement and seed production

Ata-Chakra, C. and G. Mayeenudin: Yield, seed size and germination in inbreeder studies in sugar beet seed production. 37(1972)3: 953-960. Engl., Fr. and Germ. summ., bibl. 6

Al-Jibouri, H.A.: A survey of seed qualities of wheat used for sowing in Libya. 31(1966)5: 767-770. Engl., Fr. and Germ. summ., ill., bibl. 2

Banga, O.: Assessing the cultural value of varieties of vegetables and other horticultural crops. 29(1964)4: 933-936. Engl., Germ. and Fr. summ.

Chen, C.C., C.H. Andrews, C.C. Baskin and J.C. Delouche: Influence of quality of seed on growth, development and productivity of some horticultural crops. 37(1972)3: 923-939. Engl., Fr. and Germ. summ., bibl. 23

Haggar, R.J.: The production of seed from Andropogon gayanus. 31(1966)2: 251-259. Engl., Fr. and Germ. summ., bibl. 6

Horne, F.R.: OECD and ISTA cooperation in crop improvement. 30(1965)3: 158-166. Disc.

Nagdy, G.A., R.K. Mohamed, B.F. Hanna and G.M. Amin: The effect of field roguing and seed selection on the purity of cotton seed in Egypt. 36(1971)2: 239-250. Engl., Fr. and Germ. summ., bibl. 5

Nichols, M.A.: Some seed and other requirements for producing evenly maturing vegetables. 34(1969)2: 315-318. Engl., Fr. and Germ. summ., bibl. 6

Schoorel, A.F.: Introduction and use of good seed of the right cultivars in developing countries. 37(1972)1: 93-101. Engl. summ., bibl. 15

Shiltawy, E.M., M.T. Mahdy and G.A. Nagdy: Efficiency of roguing off-type plants in purification of cotton seed in Egypt. 31(1966)5: 771-778. Engl., Fr. and Germ. summ., bibl. 7

Singh, A., Johnson E. Douglas and L. Kåhre: Good quality seed use accelerated in India. 36(1971)1: 23-31. Engl., Fr. and Germ. summ., ill.

Strickland, R.W.: Seed production and testing problems in tropical and sub-tropical pasture species. 36(1971)1: 189-199. Engl., Fr. and Germ. concl., ill., bibl. 13

3.2. Seed handling

Barre, H.J.: Equipment for processing seeds in North America. 29(1964)1: 159-170, ill., bibl. 12

Gregg, B.R. and K.W. Rushing: Blending free-flowing seeds with bin flow control devices. 34(1969)1: 73-95. Engl., Fr. and Germ. summ., ill., bibl. 13

Lemoine, M.: Ploblèmes posés par le tri et la sèchage des graines d'Abies. 30(1965)3: 525-533. Fr., Engl. and Germ. summ., bibl. 6

Miyagi, K.: Effect of moisture-proof packing on the maintenance of viability of vegetable seeds. 31(1966)2: 213-222. Engl., Fr. and Germ. summ., ill.

Oomen, W.W.A.: Experimental seed cleaning equipment. 34(1969)1: 15-71. Engl., Fr. and Germ. summ., ill.

O'Reilly, M.V.: Commercial seed drying in Australia. 36(1971)1: 131-140. Engl., Fr. and Germ. summ.

Vaughan, C.E., J.D. Albritton, J.M. Beck and G.M. Dougherty: Further studies on blending free-flowing seeds with bin flow control devices. 37(1972)3: 681-704. Engl., Fr. and Germ. summ., ill., bibl. 1

3.3. Seed storage

Gelmond, H.: Moisture content and storage of peanut seed (Arachis hypogaea L.). 36(1971)1: 159-171. Engl., Fr. and Germ. summ. and concl., bibl. 13

Harrison, P.G.: Storage of Stylosanthes humilis (H.B.K.) with phosphatic fertiliser. 35(1970)3: 713-718. Bibl. 6

Koopman, M.J.F.: Report of the Storage and Moisture Committee 1962-1965. 30(1965)2: 391-394.

Koopooshian, H.: How to store stained tetrazolium seed samples. 33(1968)3:[illegible].

Lebrun, C.: Vigueur des semis d'Abies normanniana provenant de graines conservées en chambre froide. 35(1970)3: 583-696. Engl., Fr. and Germ. summ., bibl. 8

Lewis, J.: Review on articles on seed storage and seed moisture content. 31(1966)2: 189-199. Disc.

Litynski, M.: Langfristige Zwiebelsamenlagerung mit Ausnahme der niedrigen Temperaturen. 31(1966)2: 223-233. Engl., Germ. and Fr. summ.

Nakamura, S., T. Sato and T. Mine: Storage of vegetable seeds dressed with fungicidal dusts. 37(1972)3: 961-968. Engl., Fr. and Germ. summ., bibl. 3

Peel, A.C. and E.T. Prodonoff: Storage of hamil grass (Panicum maximum) seed. 36(1971)1: 173-175.

----- and -----: Dry conditioning of Australian-produced vegetable seed. 36(1971)1: 181.

Schwass, R.H.: Loss of viability in rice seed during short-term storage in Thailand. 36(1971)1: 182-187. Engl., Fr. and Germ. summ., bibl. 3

3.4. Seed treatment

Boeke, J.E.: Precision seed of beet. 33(1968)2: 289-295.

Esbo, H.: Struggle against pests. Advantages and dangers. 34(1969)3: 407-418. Engl., Fr. and Germ. summ., bibl. 10

Hansing, E.D.: Control of seed-borne fungi with systemic fungicides. 35(1970)3: 815-820. Engl., Fr. and Germ. summ.

Johnston, M.E.H. and J.G. Miller: Fumigation of seed with methyl bromide. 29(1964)3: 451-462. Engl., Fr. and Germ. summ., bibl. 1

Joubert, P.C. and P.R. de Beer: The toxicity of contact insecticides to seed-infesting insects. Tests with pyrthrum and malathion on infested maize. (Zea mays). 35(1970)3: 821-828. Engl., Fr. and Germ. summ., bibl. 6

Kim, M.C.: Effect of methyl bromide fumigation on Oil Palm (Elaeis guineensis Jacq.) seed. 35(1970)1: 243-255. Engl., Fr. and Germ. summ., bibl. 6

Nagdy, G.A., M.T. Mahdy and E.M. Shiltawy: Control of seed-borne diseases of wheat in Egypt. 32(1967)1: 65-70. Engl., Fr. and Germ. summ., bibl. 3

Norman, J.C.: Germination of Michelia champaca seeds after various short storage and seed coat treatment. 36(1971)2: 335-342. Engl., Fr. and Germ. summ., bibl. 8

Potgieter, H.V. and P.R. de Beer: The effect of certain contact insecticides and fumigants on the germination, aftergrowth and yield of stored grain seed. 37(1972)3: 941-951. Engl., Fr. and Germ. summ., bibl. 4

4. Seed testing

4.1. General

Ader, F.: Zur Routineuntersuchung von pilliertem Gemüsesaatgut. 35(1970)2: 369-381. Germ., Engl. and Fr. summ., bibl. 2

-----: Verschiedene Arbeiten - Einführung. 37(1972)3: 845-851.

Boeke, J.E.: Use and misuse of figures in seed testing. 35(1970)3: 735-749. Engl., Fr. and Germ. summ., bibl. 3

-----, W.W.A. Oomen, A.F. Schoorel, J. Bekendam and M.J.F. Koopman: Project Seed Laboratory 5000. 34(1969)1: 115-168. Engl., Fr., Germ. and Neth. summ., ill.

Cobb, R.D. and Laude H.M.: The development of equipment and time-saving processes in seed testing. 34(1969)1: 169-177. Engl., Fr. and Germ. summ., bibl. 42

Colbry, V.L.: The use of invisible fluorescent paints as markers on seeds. 33(1968)2: 283-284. Ill.

Doyle, E.J.: Report of referee testing on a regional basis, 1962-1965. 30(1965)2: 427-435.

Formanowiczowa, H. and J. Kozlowski: Betrachtung über die Samenprüfung einiger Heilpflanzen. 30(1965)3: 743-748. Germ., Engl. and Fr. summ., bibl. 10

Gáspár, S.: Problems in testing pelleted beet seeds. 37(1972)3: 857-864. Engl., Fr. and Germ. summ., ill., bibl. 10

Heit, C.E.: Testing flower seeds - Introduction. 37(1972)3: 811-813.

Koopman, M.J.F.: Report of the Referee Testing on Association-Wide Basis, 1962-1965. 30(1965)2: 415-426. Engl., Fr. and Germ. summ.

-----: Referee Testing 1965-1968. 34(1969)4: 777-790. Engl. concl.

Lithgow, A.V.: Introduction of papers on testing of tropical and sub-tropical seeds. 36(1971)1: 67-74.

Magini, E. and A.Z. Sulli: Report of Referee Testing of Picea abies and Pinus sylvestris. 34(1969)4: 659-687. Engl., Fr. Germ. and Ital. summ., bibl. 11

Meadly, G.R.W.: Introduction to the group miscellaneous papers. 35(1970)3: 651-662.

-----: Testing tropical and sub-tropical seed species - Introduction. 37(1972)3: 713-718.

Neeb, O.: Begründung des I.I.R.B.-Vorschlages zur Untersuchung von Zuckerrübensaatgut. 30(1965)2: 173-176. Disc.

Norup Pedersen, P.: Report of the ISTA Referee Testing Committee 1968-1971. 37(1972)2: 569-582.

Schmidt, H.H.: Grundlage für eine Diskussion über sonstige Arbeiten in Bezug auf Saatgutprüfung und Samenkunde. 31(1965)2: 237-242. Disc.

Singh, A.: Problems in the standardisation of seed testing methods for tropical crops. 30(1965)3: 723-726. Engl., Fr. and Germ. summ.

Thomson, J.R.: Health as a factor in seed quality. 35(1970)1: 9-17. Engl., Fr. and Germ. summ.

Verheij, C.: Experiments on the reliability of preparing working samples in seed testing with mechanical counters. 29(1964)3: 387-397. Engl., Fr. and Germ. summ.

4.2. Sampling

Bean, J.E.: Seed trier efficiency trial. 35(1970)3: 673-681. Engl., Fr. and Germ. summ., ill. appendix.

Fuchs, H.: Information on seals. 37(1972)3: 319-323. Engl., Fr. and Germ. summ., ill.

Grisez, J.P. and E.E. Hardin: A comparison of four methods of sampling small seeds. 37(1972)3: 661-668. Engl., Fr. and Germ. summ., bibl. 8

Hude, R. von der: The Danish system of sampling and sealing seed lots. 33(1968)2: 228-234

Johnston, M.E.H., J.C. Miller and S.C. Harrison: Sampling efficiency of the Gamet divider with and without exact weighings of samples. 30(1965)3: 453-462. Engl., Fr. and Germ. summ., bibl. 5

----- and J.G. Tattersfield: Efficiency of various sampling methods. 35(1970)3: 663-671. Engl., Fr. and Germ. summ., bibl. 3

----- and -----: Investigations into methods for obtaining working samples for purity analyses. 37(1972)2: 299-305. Engl., Fr. and Germ. summ., bibl. 3

Kain, R.M.: Sampling of cocksfoot (Dactylis glomerata). 37(1972)2: 307-313. Engl., Fr. and Germ. summ.

-----: Reduction of the composite sample to the submitted sample. 37(1972)2: 315-318. Engl., Fr. and Germ. summ., ill., bibl. 2

Kopooshian, H.: A simple mechanical divider for seed mixing and dividing. 30(1965)3: 463-466. Ill., bibl. 4

Mahdy, M.T., G.A. Nagdy and A.A. Lotfy: Problems of sampling in cotton seed. 29(1964)3: 513-518. Engl., Fr. and Germ. summ., bibl. 3

Mok, C.K.: Sample size for moisture and viability testing of oil palm (Elaeis guineensis Jacq.) seed. 37(1972)3: 751-761. Engl., Fr. and Germ. summ., bibl. 11

Mullin, J.F.: Investigations into some common methods of lot sampling. 30(1965)2: 207-213. Ill.

-----: Causes of variation in samples. 33(1968)2: 235-239. Bibl. 11

Rollin, S.F.: Report of the Sampling and Bulking Committee 1968-1970. 37(1972)2: 293-297.

-----: Sampling and Bulking - Introduction. 37(1972)3: 653-656.

Verheij, C.: An automatic seed-sample collector. 30(1965)3: 449-452. Engl., Fr. and Germ. summ., ill.

Wold, A.: Report of the Sampling and Bulking Committee 1962-1965. 30(1965)2: 199-206.

-----: Development and problems in sampling seeds. 33(1968)2: 223-227.

-----: Introduction on papers regarding equipment for cleaning, blending, sampling and testing seeds. 34(1969)1: 3-14. Disc.

-----: Report of the Sampling and Bulking Committee 1965-1968. 34(1969)4: 519-532.

4.3. Testing for purity, weight determination, etc.

Amaducci, M.T.: A modification to the Ottawa seed blower for beet seed purity testing. 30(1965)3: 513-517. Engl., Fr. and Germ. summ., ill.

Atwater, B.R.: Purity evaluation in flower seed testing. 37(1972)3: 829-839. Engl., Fr. and Germ. summ., ill., bibl. 9

Barthodeiszky, A.:Mitteilungen über das Vorkommen und die Akklimatisation von Helminthia echioides Gärtn. (Picris echioides L.) in Ungarn. 29(1964)1: 27-31. Engl., Fr. and Germ. summ., ill., bibl. 7

Boeke, J.E.: A few notes on equipment for purity analysis. 33(1968)2: 279-282. Ill.

Easton, G.R.: Report of the working group in Purity Analysis of Tropical Seeds. 37(1972)2: 331-337. Engl. summ., bibl. 1

Esbo, H.: Testing for purity. 30(1965)1: 29-37

Evenari, M.: Physiology of seed dormancy, after-ripening and germination. 30(1965)1: 49-71

Everson, L.E.: Report of the Purity Committee 1962-1965. 30(1965)2: 223-227

-----: Developments and problems in purity analysis. 33(1968)2: 240-245. Bibl. 12

-----: The classification of Agropyron repens florets and caryopses. 33(1968)2: 246-247. Bibl. 1

-----: The uniform blowing procedure for Poa pratensis. 33(1968)2: 260-264. App., bibl. 1

-----: Mechanization of purity analysis in North America. 33(1968)2: 268-278. Bi

-----: Report of the Purity Committee. 34(1969)4: 533-536. Engl., Fr. and Germ. summ.

-----: Report of the Purity Committee. 37(1972)2: 327-330. Engl., Fr. and Germ. summ.

-----, C.S. Shih and F.B. Cady: A comparison of the uniform blowing and hand method for the purity analysis of Poa pratensis seed. 30(1965)3: 493-511. Engl., Fr. and Germ. summ., bibl. 11

Felfoldi, E.M.: Blowing procedure for Paspalum dilatatum Poir. 37(1972)3: 741-749. Engl., Fr. and Germ. summ., bibl. 1

Filimonov, M.A. and G.S. Gorahkov: Improvement of methods applied for purity analysis of clover and perennial grass seed in the USSR. 35(1970)3: 751-758. Engl., Fr. and Germ. summ., ill., bibl. 12

Heydel, H.R. and A. Prüter: Beurteilung und Samendiagnose einiger Silene- und Melandrium-arten. 31(1966)5: 751-765. Germ., Engl. and Fr. summ., ill., bibl. 8

MacKay, D.B.: Purity testing, degree of cleaning, judgement of the appearance of the seed, provenance. A review. 30(1965)3: 479-488. Disc.

-----: Report of the Purity Committee Working Group on Crop Seed Definitions. 34(1969)4: 551-562

Olesen, M.: The classification of Agropyron repens florets and caryopses. 33(1968)2: 248-251. Bibl. 1

-----: The classification of grass seed florets in the purity test. 33(1968)2: 252-257

-----: Report of the Working Group on purity testing of Beta vulgaris. 34(1969)4: 567-576

----- and N.E. Langkilde: The germinativity of undeveloped seeds of Agropyron repens and its bearing on the purity analyses. 30(1965)3: 537-545. Engl., summ., bibl. 4

Peel, A.C.: Report of the Working Group on Tropical grass seeds, Purity Committee. 34(1969)4: 563-566

Seaton, R.D.: The classification of florets of Dactylis glomerata in the purity test. 33(1968)2: 258-259

Wold, A.: Evaluation of crop seeds and weed seeds in the purity analysis. 30(1965)3: 489-492. Engl., Fr. and Germ. summ.

-----: Report of the Purity Committee Working Group on the Evaluation of weed seeds. 34(1969)4: 539-549. Engl., Fr. and Germ. summ.

4.4. Testing for germination

4.4.1. Methods of testing

Colbry, V.L.: Laboratory germination of Zoysa japonica seed. 35(1970)2: 417-425. Engl., Fr. and Germ. summ., bibl. 5

Cuddy, T.F.: Report of the ISTA Germination Committee Working Group on crop grass species. 34(1969)4: 607-608

Easton, G.R. and J.H. Mullett: The duration of germination tests on Phalaris tuberosa. 36(1971)1: 75-80. Engl., Fr. and Germ. summ., bibl. 2

Fritz, Tage: Germination and vigour tests of cereal seed. 30(1965)4: 923-927. Engl., Fr. and Germ. summ., ill.

Heit, C.E.: Thirty years' testing of flower seeds for germination. 37(1972)3: 817-828. Engl., Fr. and Germ. summ., bibl. 47

Huxley, P.A.: Coffee germination test recommendations and defective seed types. 30(1965)3: 705-714. Engl., Fr. and Germ. summ., ill., bibl. 13

Johnston, M.E.H.: Report of the working group for the germination of tropical and sub-tropical seeds. 37(1972)2: 355-359. Bibl. 1

----- and J.G. Tattersfield: A preliminary report on germination techniques for Panicum maximum Jacq. 36(1971)1: 115-120. Engl., Fr. and Germ. summ., bibl. 1

Junges, W. and H. Ludwig: Zur Methodik der Aufstellung von Keimprüfungs-Standards (Untersuchungen an Zierpflanzen). 29(1964)3: 399-421. Engl., Fr. and Germ. summ., bibl. 6

Klitgård, K.: Report of the Working Group on the germination of Beta, Brassica and Allium. 34(1969)4: 609-612

-----: Report of the Working Group on the germination of Beta, Brassica and Allium. 37(1972)2: 365-375. Engl. summ.

Kåhre, L.: Comparisons of methods for germination. Report from the Working Group in Cereal Seed. 34(1969)4: 585-598. Engl. and Fr. summ.

-----: Report of the Germination Committee 1968-71. 37(1972)2: 341-345

-----: Alternative methods for germination. Report from the working group on Cereal seed. 37(1972)2: 347-354. Engl., Fr. and Germ. summ., bibl. 1

-----, G. Sällvik and L. Wranell: Present testing for germination and future research. Review of Swedish experience of herbage, oil plant, beet, vegetable, flower and forestry seeds. 36(1971)2: 313-324. Engl., Fr. and Germ. summ., ill., bibl. 10

Lithgow, A.V.: Report of the tropical and sub-tropical seeds working group. 30(1965)2: 299-304.

-----: Report of the Working Group for the Germination of Tropical and Sub-tropical seeds. 34(1969)4: 599-605.

Lovato, A., G. Venturi and M.T. Amaducci: Effect of sand and folded paper substrata and sand moisture level on the germination of natural and pelleted monogerm beet seed. 35(1970)2: 439-447. Engl., Fr., Germ. and Ital. summ., ill., bibl. 4

Mariani, G. and P. Iannelli: Dormancy of recently harvested seeds of Vicia sativa. 30(1965)4: 765-773. Ill.

Robertse, P.J., J.J. Lowes and E. du Plessis: A quick method for determining the germination capacity of freshly harvested beet seed. 33(1968)4: 561-566. Engl., Fr. and Germ. summ., bibl. 3

Schmidt, H.H.: Bericht der Arbeitsgruppe "Blumensaaten" 1962-1965. 30(1965)2: 251-298.

Simak, M.: Germination analyses of Abies alba seed. 35(1970)2: 361-367. Engl., Fr. and Germ. summ., bibl. 5

Tonkin, J.B.H.: Report of the Germination Committee working group on temperate legumes. 37(1972)2: 361-363

Wellington, P.S.: Introduction to the discussion on germination. 30(1965)3: 649-659. Disc.

-----: Report of the Germination Committee 1962-1965. 30(1965)2: 229-235.

-----: Report of the Germination Committee 1965-1968. 34(1969)4: 577-583.

Wyk, J.F. van: Report of the working group to study pretreatment of Lupin seed (Lupinus luteus). 30(1965)2: 305-317. Engl., Fr. and Germ. summ.

4.4.2. Description of apparatus and media

Brandt, F.O.: Germat - Germination Testing Equipment, a great help in germination. 29(1964)3: 487-497. Engl., Fr. and Germ. summ., bibl. 2

-----: Weiterentwicklung der Germat - Keimprüfmethode. 30(1965)3: 467-475. Engl., Germ. and Fr. summ., bibl. 2

Colbry, V.L.: Specifications for paper substrata. 30(1965)2: 230-244. Engl., Fr. and Germ. summ.

Kåhre, L.: A survey of papers on dormancy. 30(1965)4: 753-763.

----- and P. Wiklert: Sand as a substrata for germination. 30(1965)2: 245-250. Engl., Fr. and Germ. summ.

Marschall, F.: Eine neue Apparatur für die Keimprüfung nach der Jakobsenmethode. 24(1969)1: 97-101. Germ., Engl. and Fr. summ., ill.

Oomen, W.W.A.. and R. Koppe: Germination cabinets with day and night cycles. 34(1969)1: 103,114. Engl., Fr. and Germ. summ., ill.

Verheij, C.: The use of mechanical seed counters. 30(1965)2: 213-220. Bibl. 6

4.4.3. Seedling evaluation, seed vigour and seed weakness

Ader, F.: Zur Definition eines einheitlich anwendbaren Begriffs der Triebkraft. 30(1965)4: 1005-1012. Germ., Engl. and Fr. summ., bibl. 9

Bartz, J. and Tucholska, H.: Beurteilung des Wertes der Methoden zur Bestimmung der Lebensfähigkeit von Erbsensamen. 30(1965)4: 937-943. Germ., Engl. and Fr. summ., bibl. 5

Colbry, V.L.: Literature review and suggestions for rule changes pertaining to evaluation of bean seedlings. 35(1970)2: 403-416. Engl., Fr. and Germ. summ., bibl. 57

Hadnagy, A. and I. Tálos: Auswertung sekundärer Erbsensprosse. 32(1967)1: 21-26. Germ., Engl. and Fr. summ., ill., bibl. 10

Heydecker, W.: Report of the Vigour Test Committee 1962-1965. 30(1965)2: 369-380. Engl., Fr. and Germ. summ., bibl. 20

-----: Introduction to subject F on biochemical and vigour tests. 30(1965)4: 947-960. Disc.

-----: Vigour tests on trial. 30(1965)4: 1013-1027. Engl., Fr. and Germ. summ., ill., bibl. 3

-----: A note on vigour tests by seedling evaluation. 34(1969)2: 271-272. Bibl. 3

-----: Report of the Vigour Test Committee 1965-1968. 34(1969)4: 751-774.

-----: Report of the Vigour Test Committee 1968-1971. 37(1972)2: 379-394. Bibl. 2

Kåhre, L.: Introduction on seedling evaluation. 35(1970)2: 299-304. Engl. summ., bibl. 8

Mahdy, M.T., G.A. Nagdy and S.D. Gaber: Effect and economic importance of sowing half grains of wheat containing embryos. 29(1964)3: 507-512. Engl., Fr. and Germ. summ., bibl. 4

-----, A.A. Lotfi, E. Shiltawy and F.F. Farag: Cold test of cotton seed. 36(1971)2: 279-287. Engl., Fr. and Germ. summ., bibl. 10

Mian, A.L.: Testing seed vigour in rice. 36(1971)2: 273-278. Engl., Fr. and Germ. summ., ill., bibl. 11

----- and L.C. Coffey: Eighty-hour-count germination test - A new method for measuring seed vigour in corn. 36(1971)2: 265-271. Engl., Fr. and Germ. summ., bibl. 10

Perry, D.A.: A vigour test for peas based on seedling evaluation. 34(1969)2: 265-270. Engl., Fræ and Germ. summ., ill., bibl. 4

Spreafico, L.: Injured seeds, germination and abnormal seedlings in wheat. 30(1965)3: 727-736. Engl., Fr. and Germ. summ., ill., bibl. 6

Tonkin, J.B.H.: Seedling evaluation; the use of soil test. 34(1969)2: 281-289. Engl., Fr. and Germ. summ., ill.

Wellington, P.S.: Seedling evaluation in germination tests on crop seeds; the essential structures of normal seedlings. 33(1968)2: 299-307.

-----: Handbook for seedling evaluation. 35(1970)2: 449-597

4.5. Biochemical tests and x-rays tests

Bulat, H.: Die Anwendung der Tetrazoliummethode bei Samen von Zierpflanzen. 30(1965)4: 969-982. Germ., Engl. and Fr. summ., ill., bibl. 9

-----: Ergebnisse vergleichender Versuche mit Blumensamen. 30(1965)4: 983-994. Germ., Engl. and Fr. summ.

-----: Report of the Tetrazolium Test Committee for the period 1965-1968. 34(1969)4: 713-743. Engl., Germ. and Fr. summ.

-----: Report of the activity of the Tetrazolium Test Committee for the period 1968-1971. 37(1972)2: 423-427. Bibl. 9

-----: Comparative test with damaged cereals and other seeds in the stage of decline. 37(1972)2: 429-438. Engl., Fr. and Germ. summ., bibl. 10

Kamra, S.K.: The use of x-rays in seed testing. 29(1964)1: 71-79. Engl., Fr. and Germ. summ., ill., bibl. 26

-----: Determination of germinability of cucumber seed with X-ray contrast method. 29(1964)3: 519-534. Engl., Fr. and Germ. summ., ill., bibl. 9

-----: The use of X-ray radiography for studying seed quality in grasses. 30(1965)3: 519-524. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: Determination of germinability of melon seed with X-ray contrast method. 31(1966)5: 719-729. Engl. and Germ. summ., ill., bibl. 7

Lindenbein, W.: Tetrazolium testing. 33(1965)1: 89-97. Engl., Fr. and Germ. summ., bibl. 10

-----: Report on the activity of the Tetrazolium Test Committee 1962-1965. 31(1966)2: 381-390. Engl., Fr. and Germ. summ.

Mok, C.K.: Sample size for moisture and viability testing of oil palm (Elaeis guineensis Jacq.) seed. 37(1972)3: 771-778. Engl., Fr. and Germ. summ., ill., bibl. 7

Moore, R.P.: Natural destruction of seed quality under field conditions as revealed by tetrazolium tests. 30(1965)4: 995-1003. Engl., Fr. and Germ. summ., ill., bibl. 12

-----: History supporting tetrazolium seed testing. 34(1969)2: 233-242. Engl., Fr. and Germ. summ., ill., bibl. 28

Nakamura, S.: Determination of germinability of eggplant and pepper seeds with X-ray contrast method. 36(1971)1: 99-104. Engl., Fr. and Germ. summ., ill., bibl. 6

Schubert, J.: Vergleichsuntersuchungen zur Prüfung der Excised-Embryo-Methode an Hand des Keim- und Tetrazoliumtests bei Fraxinus excelsior, Prunus avium und Pinus monticola. 30(1965)4: 821-859. Engl., Fr., Germ. and Russ. summ., ill., bibl. 6

-----: Zur Differenzierung zwischen Verlust des Reduktionsvermögens und Indikator-Mangel im Samengewebe beim Tetrazolium-Test. 30(1965)4: 961-968. Germ., Engl. and Fr. summ., ill.

Woodstock, L.W.: Biochemical tests for seed vigor. 34(1969)2: 253-265. Engl., Fr. and Germ. summ., ill., bibl. 13

4.6. Testing for health condition

Anselme, C., F. Jailloux and R. Champion: Methodes d'analyse sanitaire des semences de lin. 31(1966)2: 157-167. Fr., Engl. and Germ. summ., ill.

Chang, S.K., P. Neergaard and S.B. Mathur: Seed health testing of rice. VI. Detection of seed-borne fungi on blotters under different incubation conditions of light and temperature. 37(1972)3: 731-740. Engl., Fr. and Germ. summ., ill., bibl. 14

Darke, W.F.: The International Plant Health Certificate. 32(1967)2: 275-280. Engl., Fr. and Germ. summ.

Guerrero, F.C., S.B. Mathur and P. Neergaard: Seed health testing of rice. V. Seed-borne fungi associated with abnormal seedlings of rice. 37(1972)3: 985-997. Engl. summ., ill., bibl. 10

Handbook on Seed Health Testing, Series 3(1-33). 30(1965)4: 1049-1115. Ill.

Hewett, P.D.: Testing carrot seed infected with Alternaria porri f. sp. dauci. 29(1964)3: 463-471. Engl., Fr. and Germ. summ., bibl. 7

-----: A note on extraction rate in the embryo method for loose smut of barley, Ustilago nuda (Jens.) Rostr. 35(1970)1: 181-183. Engl., Fr. and Germ. summ., bibl. 5

Jörgensen, J.: The Doyer filter paper method in health testing of barley seed. 36(1971)2: 325-333. Engl., Fr. and Germ. summ., bibl. 8

Kolk, H.: Seedling diseases of cereals in Sweden. 35(1970)1: 51-67. Engl., Fr. and Germ. summ., ill., bibl. 8

Limonard, L.: Ecological aspects of seed health testing. 33(1968)3: 343-513. Engl., Neth., Fr. and Germ. summ., ill., bibl. 150

Mathur, S.B. and P. Neergaard: Seed health testing of rice. IV. Effect of light and temperature on seed-borne fungi in the blotter test. 37(1972)3: 723-729. Engl., Fr. and Germ. summ., bibl. 9

Matthews, D.: A note on the testing of pea seeds for the presence of Ascochyta species. 29(1964)1: 141-144. Engl., Fr. and Germ. summ., bibl. 1

Neergaard, P.: Historical development and current practices in seed health testing. 30(1965)1: 99-118. Engl., Fr. and Germ. summ., bibl. 27

-----: Report of the Committee on Plant Diseases 1962-1965. 30(1965)2: 335-348. Bibl. 31

-----: Report of the Committee on Plant Diseases 1965-1968. 34(1969)4: 629-647. Engl. summ., bibl. 43

-----: Report of the Committee on Plant Diseases 1968-1971. 37(1972)2: 511-524. Bibl. 43

-----, A.K. Lambat and S.B. Mathur: Seed health testing of rice. III. Testing procedures for detection of Pyricularia Oryzae Cav. 35(1970)1: 157-163. Engl., Fr. and Germ. summ., bibl. 5

Noble, M.: Introduction to Series 3 of the Handbook on Seed Health Testing. 30(1965)4: 1045-1047. Bibl. 5

----- and M.J. Richardson: An annotated list of seed-borne diseases. 2nd edition 33(1968)1: 1-191.

Rachaudhuri, S.P.: Intensification of seed pathology work in India and need for proper quarantine measures. 35(1970)1: 69-76. Engl., Fr. and Germ. summ., bibl. 6

Rohloff, I.: The controlled environment room test of lettuce seed for identification of lettuce mosaic virus. 32(1967)1: 59-63. Engl., Fr. and Germ. summ., bibl. 8

Simančik, F., B. Bevilacqua and M. Simak: Bekämpfung von Schimmelpilzen im Jacobsenapparat durch ultraviolettes Licht. 31(1966)5: 731-739., Germ. Engl. and Fr. summ., ill., bibl. 7

Tempe, J. de: Recent developments in seed health testing. 29(1964)3: 479-486. Engl., Fr. and Germ. summ., bibl. 40

-----: Introduction to subject G: Sanitary condition and seed disinfection. 30(1965)4: 1031-1044. Disc.

-----: The analysis of the laboratory testing requirements of the seed-borne diseases. 33(1968)4: 583-588. Engl., Fr. and Germ. summ., bibl. 7

-----: Testing oat seed for Fusarium spp. and Helminthosporium avenae. 33(1968)4: 589-602. Engl., Fr. and Germ. summ., ill., bibl. 13

-----: The determination of Drechslera sativa in barley seed in the Netherlands 35(1970)1: 185-191. Engl., Fr. and Germ. summ., bibl. 2

-----: Testing cereal seeds for Fusarium infection in the Netherlands. 35(1970)1: 193-206. Engl., Fr. and Germ. summ., bibl. 8

-----: Routine methods for determining the health condition of seeds in the seed testing station. 35(1970)1: 257-296. Bibl. 108

Wharton, A.L. and H. Ensor: A presumptive test to detect Ascochyta infection in samples of pea seeds. 35(1970)1: 173-179. Engl., Fr. and Germ. summ., bibl. 2

4.7. Identification of species, varieties and cultivars

Baekgaard, H.C.: Introduction. 29(1964)4: 759-762.

-----: Varietal purity examinations in ISTA member countries. 29(1964)4: 777-784. Engl., Germ. and Fr. summ.

-----: Report of the Variety Committee 1962-1965. 30(1965)2: 327-333. Engl., Fr. and Germ. summ.

Banga, O.: Identification of Western Orange carrot varieties (Daucus carota L.). 29(1964)4: 957-961. Engl., Fr. and Germ. summ., ill., bibl. 4

Chang, H.S.: Variety testing of rice. 29(1964)4: 827-835. Engl., Fr. and Germ. summ.

Christiansen, H.: Laboratory method for determination of ploidy degree of beet seeds. 31(1965)5: 801-916. Engl., Fr. and Germ. summ., ill., bibl. 6

Csala, M.V.: The methodology and mechanism of the phenol reaction in cereals. 37(1972)3: 915-921. Engl., Fr. and Germ. summ., bibl. 11

Elekes, G. and P. Elekes: Differentiation of white sweet-clover (Melilotus albus Med.) and yellow sweet-clover (Melilotus officinalis (L.) Pall.) seeds by chemical means. 37(1972)3: 911-914. Engl., Fr. and Germ. summ., bibl. 1

Esser, J.: Echtheitsbestimmung von Klee im Feldversuch. 29(1964)4: 861-868. Germ., Engl. and Fr. summ.

Gopal, M. and R.C. Thapliyal: Seed identification of 35 forestry species of family Mimosaceae. 36(1971)2: 203-231. Ill., bibl. 3

Gunn, C.R.: A key and diagrams for the seeds of one hundred species of Vicia (Leguminosae). 35(1970)3: 773-790. Engl., Fr. and Germ. summ., ill., bibl. 14

Hawkins, R.P., F.R. Horne and A.F. Kelly: Identifying cultivars of grass and clover. 29(1964)4: 837-850. Engl., Germ. and Fr. summ., bibl. 26

Hayes, P.: Accuracy of the Gentner fluorescence test as carried out by ISTA procedure. 30(1965)3: 617-624. Engl., Fr. and Germ. summ., bibl. 14

Hutin, C.: Contrôle variétal de la luzerne. 29(1964)4: 869-886. Fr., Engl. and Germ. summ., bibl. 7

-----: Détermination de la polyploïdie des betteraves. 29(1964)4: 919-931. Fr., Engl. and Germ. summ., bibl. 1

-----: Testing beet seed for polyploidy. 30(1965)1: 39-47. Engl., Fr. and Germ. summ., bibl. 9

-----: Identification des espèces en laboratoire et en champ, variétés et cultivars. Introduction a la discussion. 30(1965)3: 549-564. Disc.

Iannelli, P.: Variety testing of vetches. 29(1964)4: 887-907. Engl., Fr. and Germ. summ., ill. bibl. 9

Joshi, M.G. and S.K. Banerjee: Genetics of phenol colour reaction in emmer wheats 35(1970)3: 807-811. Engl., Fr. and Germ. summ., ill., bibl. 7

Kelly, A.F.: Report of the ISTA Variety Committee. 37(1972)2: 441-495. Engl. and Fr., bibl. 28

-----: ISTA Variety Committee. Report of the working group for Fluorescence tests 37(1972)2: 497-506

Korpinen, E.: Variety testing of winter and spring wheat. 29(1964)4: 795-802. Engl., Germ. and Fr. summ., ill.

MacKay, D.B.: The detection of mixed origin in samples of Italian ryegrass; observation of plants grown from pure seed separation. 29(1964)1: 11-17. Engl., Fr. and Germ. summ., bibl. 1

Mahdy, M.T., G.A. Nagdy and E.M. Shiltawy: Separation of "off-types" from Dandara cotton-seed by flotation. 29(1964)3: 499-505. Engl., Fr. and Germ. summ., bibl. 4

Marschall, F.: Beiträge zur Sortenbestimmung am Weizenkorn. 30(1965)3: 625-636. Germ., Engl. and Fr. summ., bibl. 10

Olsen, K.J.: Variety testing of beets by means of laboratory and field plot methods. 29(1964)4: 909-917. Engl., Fr. and Germ. summ., ill., bibl. 9

Pedersen, A.: Varietal purity examination of barley. 29(1964)4: 819-826. Engl., Germ. and Fr. summ., ill.

Perdok, E.A.: The influence of gradual deterioration of polyploid beet seed on the ploidy pattern. 35(1970)3: 813-814. Engl. and Germ. summ.

Radersma, S.C.: Morphological, physiological and other characters as the basis of variety testing by laboratory methods. 29(1964)4: 785-793. Engl., Germ. and Fr. summ., bibl. 4

----- and E.A. Perdok: How to obtain optimal results with the Gentner fluorescence test. 30(1965)3: 637-645. Engl., Fr. and Germ. summ., bibl. 11

Ribeiro, L.J.: Trials for varietal control in carrot varieties (cultivars) grown in Portugal. 35(1970)3: 791-806. Engl., Fr. and Germ. summ., ill.

Rodenburg, C.M. and J.A. Huyskes: The identification of varieties of lettuce, spinach and witloof chicory. 29(1964)4: 963-977. Engl., Fr. and Germ. summ., ill., bibl. 16

Schoorel, A.F. and S.C. Radersma: Some properties of cultivars of tetraploid Lolium species. 30(1965)3: 609-615. Engl., Germ. and Fr. summ., ill.

Stahl, Chr.: Beginning and development of variety tests. 29(1964)4: 763-776. Engl., Fr. and Germ. summ., bibl. 31

Steinberger, J.: Die Echtheitsprüfung bei Gräsern und Kleearten mit Labor- und Glashausmethoden. 29(1964)4: 851-860. Engl. and Fr. summ., bibl. 14

Telneset, S. and O. Dilling Larsen: Identification and testing of purity of cultivar in oats. 29(1964)4: 803-818. Engl., Germ. and Fr. summ., ill., bibl. 45

Terning, P. B.: Variety testing of Brassica and Sinapis. 29(1964)4: 949-962. Engl., Fr. and Germ. summ., bibl. 7

Thomson, J.R.: Report of the Variety Committee 1965-1968. 34(1969)4: 615-628.

4.8. Determination of moisture content

Bonner, F.T.: Measurement of moisture content in seeds of some North American hardwoods. 37(1972)3: 975-983. Engl., Fr. and Germ. summ., bibl. 10

Hart, J.R. and Columbic, C.: The use of electronic moisture meters for determining the moisture content of seeds. 31(1966)2: 201-212. Engl., Fr. and Germ. summ., ill., bibl. 3

Justice, O.L.: Report of the Seed Moisture and Storage Committee, ISTA. 34(1969)4: 689-702.

-----: Report of the Seed Moisture and Storage Committee. 37(1972)2: 535-549, Bibl. 26

4.9. Determination of provenance

Germ, H.: Tätigkeitsbericht des Ausschusses für Provenienz 1962-1965. 30(1965)2: 319-325. Engl., and Fr. summ., bibl. 5

Quartley, C.E.: The detection of mixed origin in samples of Italian ryegrass; provenance examination. 29(1964)1: 1-10. Engl., Fr. and Germ. summ., bibl. 7

-----: Evidence for Portuguese origin in samples of Italian ryegrass. 33(1968)4: 609-617. Engl., Fr. and Germ. summ., bibl. 13

4.10. Tolerances and statistical analyses

Cabral, J.F.: Heterogeneity in some lots of forage seeds for certification purposes. 37(1972)3: 705-711. Engl., Fr. and Germ. summ., bibl. 3

Niffenegger, D.: Report of activities of ISTA Statistics Committee. 37(1972)2: 565-566

Tattersfield, J.G. and M.E.H. Johnston: The H-value heterogeneity test New Zealand experience. 35(1970)3: 719-734. Engl., Fr. and Germ. summ., bibl. 2

Thomson, J.R.: Statistics Committee 1962-65. 30(1965)2: 395-408.

-----: Purity tolerances. 33(1968)2: 265-267.

-----: Ststistics Committee 1965-1968. 34(1969)4: 745-751.

-----: The heterogeneity test. Prepr. 14. 37(1972)3: 669-679. Engl., Fr. and Germ. summ., bibl.14

Wold, A.: Review of subject and discussion of articles on bulking, sampling, tolerances and statistical analysis. 30(1965)3: 439-448. Disc.

4.11. Seed certification and field plot examination

Buys, A.C. and G.T. Grooters: The certification of propagating material of crops in the Netherlands. A. Agricultural crops and, B. Horticultural crops. 32(1967)2: 341-355. Bibl. 6

Mathys, G.: Efforts undertaken towards harmonizing seed certification schemes. 37(1972)1: 115-116.

Morbey, J.T.M.: Investigations for the certification of the varietal purity of seeds of some horticultural species grown in Portugal. 30(1965)3: 587-599. Engl., Fr., Germ. and Port. summ.

Thomson, J.R.: OECD seed schemes. 37(1972)1: 113-114.

Vincent, G.: Zertifizierung von Forstsaatgut und seine standortgemässe Übertragung. 30(1965)3: 601-608. Engl., Germ. and Fr. summ., bibl. 10

5. Seed testing organisations, international co-operation and seed trade

5.1. Organisation and activities of seed testing organisations and seed testing stations

5.1.1. General

Anghel, G. and A. Dan: La législation des semences en Roumanie. 32(1967)2: 413-422.

Baekgaard, H.C. and S.B. Madsen: Breeding and recognition of cultivars, seed trade and seed control in Denmark. 32(1967)2: 305-316

Blanchard, M.: Production et commerce des semences en Algérie. 32(1967)2: 481-489. Bibl. 4

Cabral, J.F.: Seed legislation in Portugal. 32(1967)2: 423-427.

Chang, H.S. and C.I. Lin: Problems and development in seed testing in the Republic of China. 36(1971)1: 55-64.

Chino, T.: Problems and development in sub-tropical regions in Japan. 36(1971)1: 33-36. Engl., Fr. and Germ. summ.

Cillis, U. de: A report on the standardization of work methods and equipment of the Italian seed testing laboratories affiliated with ISTA. 31(1966)2: 269-285. Engl., Fr., Germ. and Ital. summ., ill.

Dijck, J. van: La legislation belge dans le secteur des plants et semences. 32(1967)2: 357-367. Fr., Engl. and Germ. summ.

Douglas, J.E.: Seed improvement in developing countries - building a comprehensive programme. 34(1969)3: 427-445. Engl. summ. and concl., ill.

Esbo, H.: Cooperation between seed testing and seed certification authorities. 37(1972)1: 103-107. Engl., Fr. and Germ. summ.

Fuentes, P.E.J.: The seed law in Chile and basic principles for seed laws in developing countries. 32(1967)2: 445-451. Engl., Fr. and Germ. summ.

Gelmond, H.: Seed legislation in Israel. 32(1967)2: 469-479. Engl., Fr. and Germ. summ., bibl. 8

Germ., H.: Die Vorschriften über das landwirtschaftliche und gärtnerische Saatgut in Österreich. 32(1967)2: 393-399.

Graeber, R.E.: Die Harmonisierung der Saat- und Pflanzgutgesetzgebung in der europäischen Wirtschaftsgemeinschaft. 30(1965)2: 167-169. Disc.

-----: Die EWG - Richtlinien über den Verkehr mit landschaftlichem und forstlichen Saat- und Pflanzgut. 32(1967)2: 323-333. Engl., Fr. summ.

Gray, D.H.: Seed legislation and improvement in Zambia. 36(1971)1: 37-45. Engl., Fr. and Germ. summ., bibl. 1

----- and M.G. Huisman: Some problems and developments in seed testing in Zambia. 36(1971)1: 47-54. Engl., Fr. and Germ. summ.

Hanssen, K.B.: Seed control in Rhodesia. 31(1966)2: 243-249. Engl., Fr. and Germ. summ.

-----: New seed legislation for Rhodesia. 32(1967)2: 507-515. Engl., Fr. and Germ. summ.

-----: Seed certification in Rhodesia. 36(1971)1: 17-21. Engl., Fr. and Germ. summ., bibl. 2

Hilli, A., A. Wold, T. Fritz and L. Kåhre: Seed legislation in Finland, Norway and Sweden. 32(1967)2: 291-304. Engl., Fr. and Germ. summ., bibl. 8 Finl., 8 Norw., 8 Swed.

Hoyle, J.C.: Seed legislation in Zambia. 32(1967)2: 517-522. Engl., Fr. and Germ. summ.

Justice, O.L.: Aims, functions and achievements of the International Seed Testing Association. 30(1965)1: 3-13. Engl., summ., bibl. 22

-----: Activities of the ISTA during the period 1962-65. 30(1965)2: 179-186.

Keding, F.W.: Landwirtschaft und Saatgut in der Bundesrepublik Deutschland. 30(1965)2: 139-146.

-----: Saatgutgesetzgebung in der Bundesrepublik Deutschland. 32(1967)2: 335-340.

Lithgow, A.V.: Seed legislation in New Zealand. 32(1967)2: 523-528. Engl., Fr. and Germ. summ.

Lobanov, W.J.: Die Organisation des Samenkontrollwesens in der USSR. 31(1966

Ludwig, H.: 100 Jahre Samenprüfung in der Welt. 34(1969)3: 347-351. Germ., Engl. and Fr. summ.

MacKay, D.B.: The Official Seed Testing Station for England and Wales. 33(1968)2: 220-222.

Marschall, F.: Saatgutgesetzgebung und Organisation des Saatgutwesens in der Schweiz. 32(1967)2: 401-411

Meadly, G.R.W.: Seed industry procedures and legislation in Australia. 32(1967)2: 529-535. Engl., Fr. and Germ. summ.

Nakamura, S.: Seed legislation in Japan. 32(1967)2: 453-459.

Neergaard, P.: Types of seed-borne plant quarantine objects classification into the categories outlined in lists A, B and C. 37(1972)1: 125-138

Parnell, H.R.: Seed legislation in Canada. 32(1967)2: 429-435

Rollin, S.F.: Seed legislation in the United States of America. 32(1967)2: 437-444

Schoorel, A.F.: How to issue and use international certificates. 30(1965)2: 187-196. Engl., Fr. and Germ. summ.

Sung, T.Y.: Seed legislation of the Republic of China. 32(1967)2: 461-468. Engl., Fr. and Germ. summ.

Thomson, J.R.: Seed legislation of the United Kingdom. 32(1967)2: 317-322

-----: ISTA's contribution to seed improvement. 34(1969)3: 419-425. Engl., Fr. and Germ. summ.

-----: Introduction of papers on seed legislation. 36(1971)1: 5-16. Disc.

-----: The new constitution of ISTA. Introduction. 36(1971)1: 29-30

-----: Testers and traders. 37(1972)1: 77-78

Virion, J.: Organisation und rechtliche Grundlagen des Saatgutwesens in Polen. 32(1967)2: 377-391. Germ., Engl. and Fr. summ.

Voisenat, P.: Législation et réglementation des semences en France. 32(1967)2: 369-376

Wold, A.: The volume of seed testing - Comments to the table. 34(1969)3: 451-459.

Wyk, J.F. van: Seed legislation in South Africa. 32(1967)2: 491-506. Engl., Fr. and Germ. summ.

5.1.2. ISTA congresses, general assemblies

Al-Jibouri, H.A.: Address on behalf of the FAO of the United Nations. 34(1969)4: 483.

Charmella, J.T.: Address on behalf of the Society of Commercial Seed Technologists of the U.S.A. and Canada. 34(1969)4: 498

Clark, I.H.: Address on behalf of the Society of Commercial Seed Technologists of the U.S.A. and Canada. 37(1972)1: 74-75

Eifrig, H.: Grussadresse LUFA an ISTA Kongress. 30(1965)2: 177-178

Esbo, H.: The President's speech at the opening ceremony of the 15th Congress of the International Seed Testing Association in Palmerston North, New Zealand 1968. 34(1969)4: 480-489

Hardin, C.L.: Welcome address on behalf of the U.S. Department of Agriculture. 37(1972)1: 62-64

Hardin, E.: Address on behalf of the Association of Official Seed Analysts. 37(1972)1: 73

Holliwell, W.S.: Message of the President of the F.I.S. 34(1969)4: 497

Hopfner, L.: Grussadresse an ISTA Kongress. 30(1965)2: 136

Horne, F.R.: Welcome to the participants on behalf of the National Institute of Agricultural Botany. 33(1968)2: 214-217

Keding, F.W.: Grussadresse an ISTA Kongress. 30(1965)2: 138

Lithgow, A.V.: Address to the 15th ISTA Congress. 34(1969)4: 489

Livingston, G.: Address on behalf of Commercial Seed Analysts Association of Canada. 37(1972)1: 75-76

Mejer, E.: Address on behalf of the OECD. 34(1969)4: 495

Pielen, L.: ISTA Kongress 1965. 30(1965)2: 134

Shelton, H.N.L.: Welcome address to the 15th ISTA Congress. 34(1969)4: 477

Smith, H.L.: Address on behalf of the Association of Official Seed Analysts. 30(1965)2: 170-172

Thielebein, M.: Address on behalf of the Food and Agricultural Organisation of the United Nations. 30(1965)2: 149-152. Disc.

Thomson, J.R.: Welcome to participants on behalf of the ISTA. 33(1968)2: 218-219

-----: Opening speech. 37(1972)1: 65

5.1.3. Reports of technical committees

Ader, F.: Report of the Pelleted Seeds Committee 1968-1971. 37(1972)2: 397-419. Engl., Fr. and Germ. summ.

Baekgaard, H.C.: Report of the Variety Committee 1962-1965. 30(1965)2: 327-333. Engl., Fr. and Germ. summ.

Bulat, H.: Report of the Tetrazolium Test Committee for the period 1965-1968. 34(1969)4: 713-743. Engl., Fr. and Germ. summ.

-----: Report of the activity of the Tetrazolium Test Committee for the period 1968-1971. 37(1972)2: 423-427., bibl. 9

Colbry, V.L.: Specifications for paper substrata. 30(1965)2: 236-244. Engl., Fr. and Germ. summ.

Cuddy, T.F.: Report of the ISTA Germination Committee Working Group on crop grass species. 34(1969)4: 607-608.

Doyle, E.J.: Report of the Rules Committee, revision of the International Rules for Seed Testing. 30(1965)2: 413-414.

-----: Report of referee testing on a regional basis. 1962-1965. 30(1965)2: 427-435.

-----: Report of the Rules Committee 1965-1968. 34(1969)4: 501-517. Interpr. and summ. in Engl., Fr. and Germ.

Easton, G.R.: Report of the working group in Purity Analysis of Tropical Seeds. 37(1972)2: 331-337. Engl. summ., bibl. 1

Esbo, H.: Report of the ISTA Seed Legislation Committee. 37(1972)2: 593-594.

Everson, L.E.: Report of the Purity Committee, 1962-1965. 30(1965)2: 223-227.

-----: Report of the Purity Committee. 34(1969)4: 533-536. Engl., Fr. and Germ. summ.

-----: Report of the Purity Committee. 37(1972)2: 327-330. Engl., Fr. and Germ. summ.

Germ, H.: Tätigkeitsbericht des Ausschusses für Provenienz 1962-1965. 30(1965)2: 319-325. Engl. and Fr. summ., bibl. 5

Hardin, E.: Report of the ISTA Equipment Committee 1965-1968. 34(1969)4: 775.

Heydecker, W.: Report of the Vigour Test Committee 1962-1965. 30(1965)2: 369-380. Engl., Fr. and Germ. summ., bibl. 20

-----: Report of the Vigour Test Committee, 1965-1968. 34(1969)4: 751-774.

-----: Report of the Vigour Test Committee, 1968-1971. 37(1972)2: 379-394. Bibl. 2

Holmes, G.D.: Report of the Forest Seeds Committee 1962-1965. 30(1965)2: 349-368. Engl., Fr. and Germ. summ.

Jensen, L.A.: Report of the Forest Seeds Committee for the period 1965-1968. 34(1969)4: 649-658. Engl., Fr. and Germ. summ. and recomm.

Johnston, M.E.H.: Report of the working group for the germination of tropical and sub-tropical seeds. 37(1972)2: 355-359. Bibl. 1

Jones, LeRoy: Report of the Forest Tree Seed Committee for the period 1968-1971. 37(1972)2: 527-531.

Justice, O.L.: Report of the Seed Moisture and Storage Committee, ISTA. 34(1969)4: 689-702.

-----: Report of the Seed Moisture and Storage Committee. 37(1972)2: 535-549. Bibl. 26

-----: Report of the ISTA Constitution Committee. 37(1972)2: 597.

Kelly, A.F.: Report of the ISTA Variety Committee. 37(1972)2: 441-495. Engl. and Fr. summ., ill., bibl. 28

-----: ISTA Variety Committee. Report of the working group for Fluorescence tests. 37(1972)2: 497-506.

Klitgård, K.: Report of the Working Group on the germination of Beta, Brassica and Allium. 34(1969)4: 609-612.

-----: Report of the Working Group on the germination of Beta, Brassica and Allium. 37(1972)2: 365-375. Engl. summ.

Koopman, M.J.F.: Report of the Storage and Moisture Committee, 1962-1965. 30(1965)2: 391-394

-----: Report of the Referee Testing on Association-wide basis, 1962-1965. 30(1965)2: 415-426. Engl., Fr. and Germ. summ.

-----: Referee testing 1965-1968. 34(1969)4: 777-790. Engl. concl.

Kåhre, L.:Comparisons of methods for germination. Report from the Working Group in Cereal Seed. 34(1969)4: 585-598. Engl. and Fr. summ.

-----: Report of the Germination Committee 1968-1971. 37(1972)2: 341-345

-----: Alternative methods for germination. Report from the Working Group on cereal seed. 37(1972)2: 347-354. Engl., Fr. and Germ. summ., bibl. 1

----- and P. Wiklert: Sand as a substrata for germination. 30(1965)2: 245-250. Engl., Fr. and Germ. summ.

Lindenbein, W.: Report on the activity of the Tetrazolium Test Committee, 1962-1965. 30(1965)2: 381-390. Engl., Fr. and Germ. summ.

Linehan, P.A.: Report of the ISTA Nomenclature Committee. 30(1965)2: 409-412. Bibl. 2

Lithgow, A.V.: Report of the tropical and sub-tropical seeds working group. 30(1965)2: 299-304

-----: Report of the working group for the Germination of Tropical and Sub-tropical seeds. 34(1969)4: 599-605

MacKay, D.B.: Report of the Purity Committee Working Group on Crop Seed Definitions. 34(1969)4: 551-562.

Neergaard, P.: Report of the Committee on Plant Diseases 1962-1965. 30(1965)2: 335-348, Bibl. 31

-----: Report of the Committee on Plant Diseases 1965-1968. 34(1969)4: 629-647. Engl. summ., bibl. 43

-----: Report of the Committee on Plant Diseases 1968-1971. 37(1972)2: 511-524. Bibl. 43

Niffenegger, D.: Report of activities of ISTA Statistics Committee. 37(1972)2: 565-566

Olesen, M.: Report of the Working Group on Purity Testing of Beta vulgaris. 34(1969)4: 567-576

Peel, A.C.: Report of the Working Group on Tropical Grass Seeds, Purity Committee. 34(1969)4: 563-566

Quartley, C.E.: Report of the Provenance Committee 1965-1968. 34(1969)4: 613

-----: Report of the Nomenclature Committee 1965-1968. 34(1969)4: 703-711

-----: Report of the Nomenclature Committee 1968-1971. 37(1972)2: 553-557. Engl. summ., bibl. 5

Rollin, S.F.: Report of the Sampling and Bulking Committee 1968-1971. 37(1972)2: 293-297

Schmidt, H.H.: Bericht der Arbeitsgruppe "Blumensaaten" 1962-1965. 30(1965)2: 251-298

Schoorel, A.F.: Report of the Rules Committee. 37(1972)2: 159

Thomson, J.R.: Statistics Committee 1962-65. 30(1965)2: 395-408

-----: Report of the Variety Committee 1965-1968. 34(1969)4: 615-628

-----: Statistics Committee 1965-1968. 34(1969)4: 745-750

Tonkin, J.B.H.: Report of the Germination Committee Working Group on Temperate Legumes. 37(1972)2: 361-363

Wellington, P.S.: Report of the Germination Committee 1962-1965. 30(1965)2: 229-235

-----: Report of the Germination Committee 1965-1968. 34(1969)4: 577-583

Wold, A.: Report of the Sampling and Bulking Committee 1962-1965. 30(1965)2: 199-206

-----: Report of the Sampling and Bulking Committee 1965-1968. 34(1969)4: 519-532

-----: Report of the Purity Committee Working Group on the Evaluation of Weed Seeds. 34(1969)4: 539-549. Engl., Fr. and Germ. summ.

Wyk, J.F. van: Report of the Working Group to study pretreatment of lupin seed (Lupinus luteus). 30(1965)2: 305-317. Engl., Fr. and Germ. summ.

5.2. Rules for seed testing

Asakawa, S.: Some proposals to amend the international rules for seed testing - with special reference to forest tree seeds. 35(1970)2: 641-647. Bibl. 19

Barde, H.: Changes in sections 3 and 4 of the International Rules for Seed Testing. 33(1968)2: 285-288

Schoorel, A.F.: Comments on rules for sugar beet testing (proposed by I.I.R.B.). 30(1965)3: 535-536

-----: Report of the Rules Committee. 37(1972)2: 159

Thomson, J.R.: Changes in the International Rules for Seed Testing. 33(1968)2: 296-298

-----: The rules of the future. 37(1972)2: 265-285

5.3. International co-operation

Castan, M.G.: La cooperation entre l'organisation internationale de normalisation (ISO) et l'ISTA. 37(1972)1: 139-143. Engl., Fr. and Germ. summ.

Duval, J.: Etat des travaux du Sous-Comité ISO/TC 34/SC 1 "Moyens de Réproduction" depuis le dernier Congres de Lisbonne. 30(1965)2: 153-154

Feistritzer, W.P.: Better Seed - a prerequisite for more and better food. 34(1969)3: 395-406

-----: National and international cooperation to promote the use of better seed. 37(1973)1: 83-92. Engl., Fr. and Germ. summ.

Holliwell, W.S.: Contact between the Fédération Internationale du Commerce des Semences and the International Seed Testing Association. 30(1965)2: 155-157. Disc.

Juckes, D.: International cooperation in seed certification. 37(1972)1: 109-111

Neergaard, P.: Seed Pathology, international cooperation and organization. 35(1970)1: 19-42. Engl., Fr. and Germ. summ., bibl. 20

-----: International and national cooperation in seed health testing and certification. 37(1972)1: 117-123. Bibl. 5

Nijdam, F.E.: The Convention of Paris for the Protection of New Varieties of Plants. 32(1967)2: 281-290. Engl., Fr. and Germ. summ., bibl. 2

Schoorel, A.F.: Aim and function of the International Seed Testing Association in relation to the national and international distribution of sowing seed. 32(1967)2: 237-244. Engl., Fr. and Germ. summ.

Thielebein, M.: Address on behalf of the Food and Agricultural Organisation of the United Nations. 30(1965)2: 149-152. Disc.

5.4. Seed trade

Horne, F.R. and A.F. Kelly: The O.E.C.D. Certification Schemes and International Trade in Seeds. 32(1967)2: 259-273. Engl., Fr. and Germ. summ., bibl. 9

Jacobsen, R. and H.H.Leenders: International trading, a prerequisite for the promotion of the use of better seed. 37(1972)1: 79-82. Engl., Fr. and Germ. summ.

Leenders, H.H.: The function of the International Seed Trade Federation (F.I.S.) in the international seed trade. 32(1967)2: 245-257. Engl., Fr. and Germ. summ., bibl. 7

Trebuchet, G.: Developpement du commerce des semences. 34(1969)3: 385-3
Engl., Fr. and Germ. summ.

6. Miscellaneous

6.1. Necrologies

Wold, A.: In memory of Professor Dr. Friedrich Nobbe. 34(1969)3: 345-34
Ill.